

LONDON- WEST MIDLANDS ENVIRONMENTAL STATEMENT

Volume 5 | Technical Appendices

CFA7-15 | Transport Assessment (TR-001-000)

Annex B(iii): Baseline survey report

Traffic and transport

November 2013

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Department for Transport

High Speed Two (HS2) Limited has been tasked by the Department for Transport (DfT) with managing the delivery of a new national high speed rail network. It is a non-departmental public body wholly owned by the DfT.

A report prepared for High Speed Two (HS2) Limited.

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1 Introduction

- 1.1.1 Transport surveys have been undertaken to obtain baseline data for the Transport Assessment for the Proposed Scheme. Surveys were undertaken in June and September 2012 and February 2013. Both traffic and non-motorised user surveys were carried out, details of which are outlined in the following sections.

2 Traffic surveys

- 2.1.1 The traffic surveys comprised:

- automatic traffic counts (ATC) on highway links; and
- classified turning counts (CTC) and queue length surveys at highway junctions.

- 2.1.2 The traffic survey data has been further supplemented by traffic and transport data obtained from other sources where available, including the Highways Agency, Buckinghamshire County Council, Hertfordshire County Council and Oxfordshire County Council.

2.2 Automatic traffic counts

- 2.2.1 The scope of the ATC surveys carried out is outlined in Table 1.

Table 1: Automatic traffic count survey scope

Automatic traffic count survey scope	
Site locations	The locations of ATC surveys undertaken are dealt with in Section 3.
Date carried out	June and September 2012 and February 2013, excluding Public Holidays and school holiday periods.
Survey duration	Continuous 24 hours, for a two week period.
Approvals and inspection	Relevant highway authority and police were informed of all surveys carried out. All ATC equipment was inspected every 24 hours and repaired or replaced immediately if found to be malfunctioning.
Data obtained	Counts recorded in 15 minute time intervals by vehicle classification, as well as by total vehicles, with sub-total for every hour. Totals for 12 (07:00-19:00), 16 (06:00-22:00), 18 (06:00-00:00) and 24 hours for each day by vehicle classification, as well as by total vehicles. Average vehicle speed data by vehicle classification by hour and by 12 (07:00-19:00), 16 (06:00-22:00), 18 (06:00-00:00) and 24 hours for each day.
Classification	Classification was as consistent as possible with that used by the Department for Transport (DfT) for fixed traffic count points on the UK main network profile.
Site information recorded	Weather conditions and any other observed events which could affect the survey results were recorded.
Data verification	Data was checked against nearby CTC and DfT fixed count points where possible and appropriate for verification.

2.3 Classified turning counts

2.3.1 The scope of the CTC surveys carried out at junctions is outlined in Table 2.

Table 2: Classified turning count survey scope

Classified turning count survey scope	
Site locations	The locations of classified turning count surveys undertaken are dealt with in Section 4.
Date carried out	June and September 2012, excluding Public Holidays and school holiday periods.
Survey duration	One weekday (Tuesday, Wednesday or Thursday). Video cameras were installed to record between 07:00-19:00. Counts were between 07:00-10:00 and 16:00-19:00.
Approvals and inspection	Relevant highway authority and police were informed of all surveys carried out.
Data obtained	Counts were recorded in 15 minute time intervals for every arm of the junction, by vehicle classification, as well as by total vehicles and total Passenger Car Units (PCU) with sub-totals for every hour. PCU were calculated using factors as shown in Table 3.
Classification	Full vehicle classification, consistent with Transport in the Urban Environment, published in 1997 by The Institute of Highways and Transportation, as shown in Figure 1.
Site information recorded	Weather conditions and any other observed events which could affect the survey results were recorded.
Data verification	Total number of vehicles entering and exiting every arm of the junction for each hour was compared to ensure data accuracy.

Figure 1: Vehicle classification

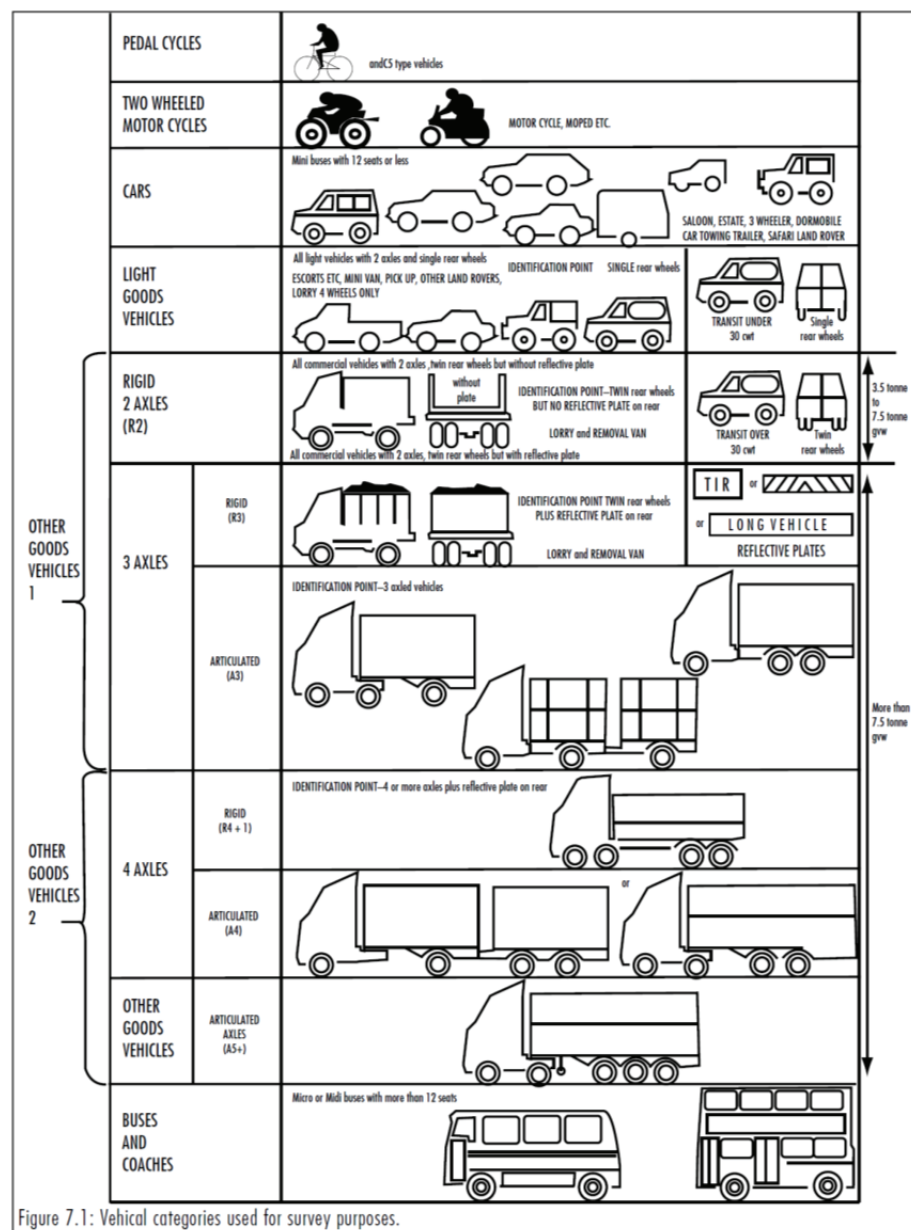


Figure 7.1: Vehical categories used for survey purposes.

Source: Institution of Highways and Transportation (1997). *Transport In The Urban Environment*. IHT, London

Table 3: Vehicle classification and PCU equivalent

Vehicle classification	PCU equivalent
Car or Light Goods Vehicle (LGV)	1.0
Medium Good Vehicle (MGV)	1.5
Heavy Goods Vehicle (HGV)	2.3
Bus and coach	2.0
Two wheeled motorcycle	0.4
Pedal cycle	0.2

2.4 Queue length surveys

2.4.1 The scope of the queue length (QL) surveys carried out at junctions is outlined in Table 4.

Table 4: Queue length survey scope

Queue length survey scope	
Site locations	The locations of queue length surveys undertaken are dealt with in Section 4.
Date carried out	June and September 2012, excluding Public Holidays and school holiday periods.
Survey duration	One weekday (Tuesday, Wednesday or Thursday), between 07:00-10:00 and 16:00-19:00.
Approvals and inspection	Relevant highway authority and police were informed of all surveys carried out.
Data obtained	Queue lengths were recorded by junction arm and 15 minute and hourly averages calculated.
Classification	Length of queue in metres.
Site information recorded	Weather conditions and any other observed events which could affect the survey results.
Data verification	Queue lengths checked against video footage, where available.

3 Non-motorised user surveys

3.1.1 Non-motorised user surveys were undertaken in August and September 2012 to establish the usage of public rights of way (PRoW) including roads, in the area of the Proposed Scheme. The surveys included:

- all roads and associated footways either intersected by or that will be affected by the Proposed Scheme; and
- green corridors including footpaths, cycleways and bridleways either intersected by or that will be affected by the Proposed Scheme.

3.2 Public rights of way

3.2.1 The scope of the PRoW surveys carried out is outlined in Table 5.

Table 5: Public rights of way survey scope

Public rights of way survey scope	
Site locations	The locations of PRow surveys undertaken are dealt with in Section 4.
Date carried out	<p>August and September 2012.</p> <p>August surveys were carried out on a Sunday to capture users of footpaths, bridleways and some country lanes, where they were identified as being on a National Trail or Long Distance Route. Surveys were undertaken during the summer holidays in order to record maximum recreational usage.</p> <p>September surveys were carried out on a weekday (Tuesday, Wednesday or Thursday) to capture only users of roads and associated footways. Surveys were undertaken outside of the school holidays in order to record non-recreational usage, such as school and commuting users.</p> <p>Surveys were not undertaken in inclement weather.</p>
Survey duration	<p>August surveys were carried out between 08:00-18:00.</p> <p>September surveys were carried out between 07:00-19:00.</p>
Data obtained	Manual counts were recorded in 15 minute time intervals by classification, as well as by total for all categories of user, with sub-totals for every hour.
Classification	<p>Classification used was: pedestrians, pedestrians walking dogs, pedestrians with buggy, pedestrian with impairment (type of impairment was recorded), joggers, cyclists and horse riders.</p> <p>For PRow on public paths or bridleways, an additional category of 'other' was used to record users that do not fall into the above categories, e.g. motorcyclists, quad bikes, tractors etc (type was recorded).</p>
Site information recorded	Weather conditions and any other observed events which could affect the survey results.

4 Survey schedules and locations

- 4.1.1 Schedules outlining each of the traffic and non-motorised user survey undertaken are shown in Appendix A.

5 Survey data

- 5.1.1 Summary maps outlining 2012 survey data are shown in:
- 5.1.2 Appendix B – 2012 baseline traffic flows (AADT, AAWT and AM/PM peak flows); and
- 5.1.3 Appendix C – 2012 PRow usage (pedestrian, cyclist, equestrian and other).

Appendix A – Survey locations

- Table 6: automatic traffic count survey locations;
- Table 7: classified turning count survey locations;
- Table 8: queue length survey locations;
- Table 9: public right of way survey locations

Table 6: Automatic traffic count surveys

Automatic traffic count surveys									
ATC Reference No.	CFA	Date Surveyed	Road Name/ no.	Road Type	Near	Borough or County	Post Code	OS Grid Reference	
ATC/5005/0275	7 Colne Valley	Sep-12	Moorhall Rd	Single carriageway (S2)	South Harefield	Hertfordshire	UB9	504456	188266
ATC/503699/188360	7 Colne Valley	Feb-13	Denham Green La	Single carriageway (S2)	Denham Green	Buckinghamshire	UB9	503699	188360
ATC/5005/0292	7 Colne Valley	Jun-12	A412 Denham Wy/North Orbital Rd	Single carriageway (S2)	Denham Green	Hertfordshire	UB9	503592	189802
ATC/5006/0321	7 Colne Valley	Jun-12	A405 Denham Way	Dual carriageway (D2)	Rickmansworth	Hertfordshire	WD3	503452	193805
ATC/503161/192721	7 Colne Valley	Feb-13	Chalfont Rd	Single carriageway (S2)	Maple Cross	Hertfordshire	WD3	503161	192721
ATC/5005/0300	7 Colne Valley	Jun-12	Tilehouse La	Single carriageway (S1)	West Hyde	Hertfordshire	SL9	503139	190338
ATC/503067/192412	7 Colne Valley	Feb-13	Hornhill Rd	Single carriageway (S2)	Maple Cross	Hertfordshire	WD3	503067	192412
ATC/503004/192254	7 Colne Valley	Feb-13	Woodland Rd	Single carriageway (S2)	Maple Cross	Hertfordshire	WD3	503004	192254
ATC/5005/0310	7 Colne Valley	Jun-12	Chalfont La	Single carriageway (S1)	West Hyde	Hertfordshire	SL9	502561	191460
ATC/502340/192339	7 Colne Valley	Feb-13	Hornhill Rd	Single carriageway (S1)	Maple Cross	Hertfordshire	WD3	502340	192339
ATC/500703/189391	8 The Chalfonts & Amersham	Feb-13	A413 Amersham Rd	Dual carriageway (D2)	Gerrards Cross	Buckinghamshire	SL9	500703	189391
ATC/500476/191020	8 The Chalfonts & Amersham	Feb-13	Joiners La	Single carriageway (S2)	Chalfont St Peter	Buckinghamshire	SL9	500476	191020
ATC/5006/0341	8 The Chalfonts & Amersham	Sep-12	Chesham La	Single carriageway (S2)	Chalfont St Peter	Buckinghamshire	HP8	500146	193179
ATC/499171/193702	8 The Chalfonts & Amersham	Feb-13	High St / Pheasant Hill	Single carriageway (S2)	Chalfont St Giles	Buckinghamshire	HP8	499171	193702
ATC/498855/193590	8 The Chalfonts & Amersham	Feb-13	Silver Hill	Single carriageway (S2)	Chalfont St Giles	Buckinghamshire	HP8	498855	193590

Automatic traffic count surveys									
ATC Reference No.	CFA	Date Surveyed	Road Name/ no.	Road Type	Near	Borough or County	Post Code	OS Grid Reference	
ATC/498684/195005	8 The Chalfonts & Amersham	Feb-13	A413 Amersham Rd	Single carriageway (S2)	Chalfont St Giles	Buckinghamshire	HP8	498684 195005	
ATC/497727/193850	8 The Chalfonts & Amersham	Feb-13	Bottrells La	Single carriageway (S2)	Chalfont St Giles	Buckinghamshire	HP8	497727 193850	
ATC/5006/0373	8 The Chalfonts & Amersham	Sep-12	Bottom House Farm La	Single carriageway (S1)	Chalfont St Giles	Buckinghamshire	HP8	497338 194759	
ATC/495719/195387	8 The Chalfonts & Amersham	Feb-13	A355 Amersham Rd	Single carriageway (S2)	Coleshill	Buckinghamshire	HP7	495719 195387	
ATC/5007/0401	8 The Chalfonts & Amersham	Sep-12	A404 Whielden La	Single carriageway (S3)	Amersham	Buckinghamshire	HP7	495128 196552	
ATC/5007/0430	8 The Chalfonts & Amersham	Sep-12	A413 London Rd	Dual carriageway (D2)	Little Missenden	Buckinghamshire	HP7	493303 198759	
ATC/492389/200820	9 Central Chilterns	Feb-13	Hyde Heath Rd	Single carriageway (S2)	Great Missenden	Buckinghamshire	HP6	492389 200820	
ATC/5008/0458	9 Central Chilterns	Sep-12	Hyde La	Single carriageway (S1)	South Heath	Buckinghamshire	HP16	491500 200876	
ATC/5008/0462	9 Central Chilterns	Sep-12	B458 Chesham Rd	Single carriageway (S2)	South Heath	Buckinghamshire	HP16	491235 201196	
ATC/5008/0464	9 Central Chilterns	Sep-12	Kings La	Single carriageway (S2)	South Heath	Buckinghamshire	HP16	491055 201301	
ATC/488975/204812	10 Dunsmore, Wendover & Halton	Feb-13	King's La	Single carriageway (S2)	South Heath	Buckinghamshire	HP16	491040 201526	
ATC/5008/0471	9 Central Chilterns	Sep-12	Frith Hill	Single carriageway (S2)	South Heath	Buckinghamshire	HP16	490630 201818	
ATC/490360/202512	9 Central Chilterns and 10 Dunsmore, Wendover & Halton	Feb-13	Potter Row	Single carriageway (S2)	South Heath	Buckinghamshire	HP16	490360 202512	

Automatic traffic count surveys									
ATC Reference No.	CFA	Date Surveyed	Road Name/ no.	Road Type	Near	Borough or County	Post Code	OS Grid Reference	
ATC/5008/0488	9 Central Chilterns	Sep-12	Leather La	Single carriageway (S1)	South Heath	Buckinghamshire	HP16	489462 203140	
ATC/488975/204812	10 Dunsmore, Wendover & Halton	Feb-13	King's La	Single carriageway (S1)	Kingsash	Buckinghamshire	HP22	488975 204812	
ATC/5008/0501	10 Dunsmore, Wendover & Halton	Sep-12	Bowood La	Single carriageway (S1)	Wendover Dean	Buckinghamshire	HP22	488767 204205	
ATC/5009/0520	10 Dunsmore, Wendover & Halton	Sep-12	Rocky La	Single carriageway (S2)	Kingsash	Buckinghamshire	HP22	487847 205835	
ATC/5009/0528	10 Dunsmore, Wendover & Halton	Sep-12	A413 London Rd	Single carriageway (S2)	Wendover	Buckinghamshire	HP22	487396 206564	
ATC/5009/0529	10 Dunsmore, Wendover & Halton	Sep-12	Small Dean La	Single carriageway (S1)	Wendover	Buckinghamshire	HP22	487303 206659	
ATC/487248/205652	10 Dunsmore, Wendover & Halton	Feb-13	Dunsmore La	Single carriageway (S2)	Wendover	Buckinghamshire	HP22	487248 205652	
ATC/5009/0533	10 Dunsmore, Wendover & Halton	Sep-12	London Rd	Single carriageway (S2)	Wendover	Buckinghamshire	HP22	487189 207011	
ATC/5009/0539	10 Dunsmore, Wendover & Halton	Sep-12	Bacombe La	Single carriageway (S1)	Wendover	Buckinghamshire	HP22	486701 207306	
ATC/5009/0542	10 Dunsmore, Wendover & Halton	Sep-12	Ellesborough Rd	Single carriageway (S2)	Wendover	Buckinghamshire	HP22	486523 207538	
ATC/5009/0560	10 Dunsmore, Wendover & Halton	Sep-12	B4009 Nash Lee Rd	Single carriageway (S2)	Wendover	Buckinghamshire	HP22	485120 208660	
ATC/485120/208660	10 Dunsmore, Wendover & Halton	Feb-13	B4009 Nash Lee Rd	Single carriageway (S2)	Wendover	Buckinghamshire	HP22	485120 208660	
ATC/5009/0561	10 Dunsmore, Wendover & Halton	Sep-12	Nash Lee La	Single carriageway (S2)	Wendover	Buckinghamshire	HP22	485027 208785	

Automatic traffic count surveys									
ATC Reference No.	CFA	Date Surveyed	Road Name/ no.	Road Type	Near	Borough or County	Post Code	OS Grid Reference	
ATC/483818/211703	11 Stoke Mandeville & Aylesbury	Feb-13	A413 Wendover Rd	Single carriageway (S2)	Stoke Mandeville	Buckinghamshire	HP22	483818	211703
ATC/483253/214962	11 Stoke Mandeville & Aylesbury	Feb-13	A418 Aylesbury Rd	Single carriageway (WS2)	Aylesbury	Buckinghamshire	HP19	483253	214962
ATC/483173/208867	10 Dunsmore, Wendover & Halton	Feb-13	North Lee La	Single carriageway (S2)	Stoke Mandeville	Buckinghamshire	HP22	483173	208867
ATC/483157/207556	10 Dunsmore, Wendover & Halton	Feb-13	A4010 Risborough Rd	Single carriageway (S2)	Little Kimble	Buckinghamshire	HP17	483157	207556
ATC/501010586	11 Stoke Mandeville & Aylesbury	Sep-12	Marsh La	Single carriageway (S2)	Stoke Mandeville	Buckinghamshire	HP22	482846	210054
ATC/482442/214870	11 Stoke Mandeville & Aylesbury	Feb-13	A4157 Elmhurst Rd	Single carriageway (WS2)	Aylesbury	Buckinghamshire	HP20	482442	214870
ATC/481239/214778	11 Stoke Mandeville & Aylesbury	Feb-13	A4157 Weedon Rd	Single carriageway (WS2)	Aylesbury	Buckinghamshire	HP20	481239	214778
ATC/501110686	12 Waddesdon & Quainton	Sep-12	Blackgrove Rd	Single carriageway (S2)	Waddesdon	Buckinghamshire	HP18	475843	217113
ATC/501210712	12 Waddesdon & Quainton	Sep-12	Quainton Rd	Single carriageway (S2)	Quainton	Buckinghamshire	HP22	473688	218605
ATC/501210715	12 Waddesdon & Quainton	Sep-12	Station Rd	Single carriageway (S2)	Quainton	Buckinghamshire	HP22	473640	218915
ATC/501210718	12 Waddesdon & Quainton	Sep-12	Snake La	Single carriageway (S2)	Quainton	Buckinghamshire	HP22	473380	219115
ATC/473360/220969	12 Waddesdon & Quainton	Feb-13	Lee Rd	Single carriageway (S2)	Quainton	Buckinghamshire	HP22	473360	220969

Automatic traffic count surveys									
ATC Reference No.	CFA	Date Surveyed	Road Name/ no.	Road Type	Near	Borough or County	Post Code	OS Grid Reference	
ATC/5012/0742	12 Waddesdon & Quainton	Sep-12	Lawn Hill	Single carriageway (S2)	Quainton	Buckinghamshire	HP22	471852 220967	
ATC/5013/0793	13 Calvert, Steeple Claydon, Twyford & Chetwode	Sep-12	Addison Rd	Single carriageway (S2)	Calvert	Buckinghamshire	MK18	469393 225474	
ATC/5013/0791	13 Calvert, Steeple Claydon, Twyford & Chetwode	Sep-12	School Hill	Single carriageway (S2)	Calvert	Buckinghamshire	MK18	469052 224909	
ATC/468706/232503	13 Calvert, Steeple Claydon, Twyford & Chetwode	Feb-13	Buckingham Rd	Single carriageway (S2)	Gawcott	Buckinghamshire	MK18	468706 232503	
ATC/5013/0792	13 Calvert, Steeple Claydon, Twyford & Chetwode	Sep-12	School Hill	Single carriageway (S2)	Calvert	Buckinghamshire	MK18	468534 224649	
ATC/5013/0804	13 Calvert, Steeple Claydon, Twyford & Chetwode	Sep-12	Perry Hill	Single carriageway (S2)	Calvert	Buckinghamshire	MK18	468028 225788	
ATC/5013/0810	13 Calvert, Steeple Claydon, Twyford & Chetwode	Sep-12	West St	Single carriageway (S2)	Calvert	Buckinghamshire	MK18	467855 226551	
ATC/467761/221948	12 Waddesdon & Quainton	Feb-13	Grendon Rd	Single carriageway (S2)	Edgcott	Buckinghamshire	HP18	467761 221948	
ATC/5013/0812	13 Calvert, Steeple Claydon, Twyford & Chetwode	Sep-12	West St	Single carriageway (S2)	Calvert	Buckinghamshire	MK18	467425 226350	
ATC/467342/220258	12 Waddesdon & Quainton	Feb-13	The Broadway	Single carriageway (S2)	Grendon Underwood	Buckinghamshire	HP18	467342 220258	

Automatic traffic count surveys									
ATC Reference No.	CFA	Date Surveyed	Road Name/ no.	Road Type	Near	Borough or County	Post Code	OS Grid Reference	
ATC/465252/232072	13 Calvert, Steeple Claydon, Twyford & Chetwode	Feb-13	Country Lane (School End to A421)	Single carriageway (S2)	Tingwick	Buckinghamshire	MK18	465252 232072	
ATC/5014/0855	13 Calvert, Steeple Claydon, Twyford & Chetwode	Sep-12	The Green	Single carriageway (S1)	Chetwode	Buckinghamshire	MK18	464154 229107	
ATC/5014/0864	13 Calvert, Steeple Claydon, Twyford & Chetwode	Sep-12	School End	Single carriageway (S1)	Chetwode	Buckinghamshire	MK18	463581 229852	
ATC/463442/233084	14 Newton Purcell & Brackley	Feb-13	Fulwell Rd	Single carriageway (S2)	Finmere	Oxfordshire	MK18	463442 233084	
ATC/5014/0878	14 Newton Purcell & Brackley	Jun-12	Manor Farm Rd	Single carriageway (S2)	Newton Purcell	Oxfordshire	MK18	463120 231178	
ATC/5014/0880	14 Newton Purcell & Brackley	Jun-12	A4421	Single carriageway (S2)	Newton Purcell	Oxfordshire	MK18	462911 231232	
ATC/5015/0899	14 Newton Purcell & Brackley	Jun-12	A421	Single carriageway (S2)	Mixbury	Oxfordshire	NN13	462215 232991	
ATC/5015/0909	14 Newton Purcell & Brackley	Jun-12	Featherbed La	Single carriageway (S1)	Mixbury	Oxfordshire	NN13	461855 233911	
ATC/5015/0948	14 Newton Purcell & Brackley	Sep-12	Country La?	Single carriageway (S1)	Turweston	Buckinghamshire	NN13	460547 237630	
ATC/460277/242222	14 Newton Purcell & Brackley	Feb-13	B4525 Welsh La	Single carriageway (S2)	Helmdon	Northamptonshire	NN13	460277 242222	
ATC/459974/237122	14 Newton Purcell & Brackley	Feb-13	South Bank	Single carriageway (S2)	Turweston	Northamptonshire	NN13	459974 237122	

Automatic traffic count surveys									
ATC Reference No.	CFA	Date Surveyed	Road Name/ no.	Road Type	Near	Borough or County	Post Code	OS Grid Reference	
ATC/5016/0964	14 Newton Purcell & Brackley	Jun-12	A43 Northampton Rd	Single carriageway (S2)	Brackley	Northamptonshire/ HA	NN13	459727 239012	
ATC/5016/0981	14 Newton Purcell & Brackley	Jun-12	Radstone Rd	Single carriageway (S2)	Radstone	Northamptonshire	NN13	458642 240289	
ATC/5016/1022	15 Greatworth to Lower Boddington	Jun-12	Helmdon Rd	Single carriageway (S1)	Greatworth	Northamptonshire	OX17	455707 243096	
ATC/5017/1029	15 Greatworth to Lower Boddington	Jun-12	B4525 Welsh La	Single carriageway (S2)	Greatworth	Northamptonshire	OX17	455172 243626	
ATC/454899/243122	15 Greatworth to Lower Boddington	Feb-13	Marston Rd	Single carriageway (S2)	Greatworth	Northamptonshire	OX17	454899 243122	
ATC/5017/1038	15 Greatworth to Lower Boddington	Jun-12	Sulgrave Rd	Single carriageway (S2)	Thorpe Mandeville	Northamptonshire	OX17	454497 244286	
ATC/5017/1046	15 Greatworth to Lower Boddington	Jun-12	Banbury Rd	Single carriageway (S2)	Thorpe Mandeville	Northamptonshire	OX17	453999 244826	
ATC/5017/1054	15 Greatworth to Lower Boddington	Jun-12	Banbury La	Single carriageway (S2)	Thorpe Mandeville	Northamptonshire	OX17	453545 245552	
ATC/5017/1086	15 Greatworth to Lower Boddington	Jun-12	Welsh Rd	Single carriageway (S2)	Edgcote	Northamptonshire	OX17	451773 248065	
ATC/5017/1084	15 Greatworth to Lower Boddington	Jun-12	Edgcote Rd	Single carriageway (S1)	Edgcote	Northamptonshire	OX17	451697 247862	
ATC/5018/1097	15 Greatworth to Lower Boddington	Jun-12	Culworth Rd	Single carriageway (S2)	Chipping Warden	Northamptonshire	OX17	450837 248787	
ATC/5018/1107	15 Greatworth to Lower Boddington	Jun-12	A361 Banbury Rd	Single carriageway (S2)	Chipping Warden	Northamptonshire	OX17	450029 249529	
ATC/449536/248932	15 Greatworth to Lower	Feb-13	Appletree Rd	Single carriageway (S2)	Chipping	Northamptonshire	OX17	449536 248932	

Automatic traffic count surveys									
ATC Reference No.	CFA	Date Surveyed	Road Name/ no.	Road Type	Near	Borough or County	Post Code	OS Grid Reference	
	Boddington				Warden				
ATC/5018/1117	15 Greatworth to Lower Boddington	Jun-12	Appletree La	Single carriageway (S1)	Aston le Walls	Northamptonshire	NN11	449261 250179	
ATC/449046/251432	15 Greatworth to Lower Boddington	Feb-13	Welsh Rd	Single carriageway (S2)	Aston le Walls	Northamptonshire	NN11	449046 251432	
ATC/5018/1138	15 Greatworth to Lower Boddington	Jun-12	Hill Rd	Single carriageway (S1)	Lower Boddington	Northamptonshire	NN11	447798 251651	
ATC/5018/1150	15 Greatworth to Lower Boddington	Jun-12	Banbury Rd	Single carriageway (S2)	Lower Boddington	Northamptonshire	NN11	447103 252663	
ATC/5019/1153	15 Greatworth to Lower Boddington	Jun-12	Boddington Rd	Single carriageway (S1)	Lower Boddington	Northamptonshire	NN11	446798 252781	
ATC/5019/1155	15 Greatworth to Lower Boddington	Jun-12	Banbury Rd	Single carriageway (S2)	Lower Boddington	Northamptonshire	NN11	446753 252998	

Table 7: Classified turning count surveys

Classified turning count surveys									
CTC Reference No.	CFA	Date Surveyed	Junction	Junction Type	Near	Borough or County	Post Code	OS Grid Reference	
CTC/5005/0276	7 Colne Valley	27/06/2012	A412 North Orbital Rd/Moorfield Rd	Signal controlled t-junction	Denham Green	Hertfordshire	SL9	504015 187865	
CTC/5005/0308	7 Colne Valley	27/06/2012	A412 Denham Way/Chalfont Ln	4-arm roundabout	West Hyde	Hertfordshire	SL9	503050 191535	
CTC/5006/0324	8 Chalfonts & Amersham	27/06/2012	A412/A405 Denham Way/A412 Uxbridge Rd	3-arm roundabout	Rickmansworth	Hertfordshire	WD3	503633 193382	
CTC/5008/0463	9 Central Chilterns	19/09/2012	B458 Chesham Rd/Kings Ln	Priority t-junction	South Heath	Buckinghamshire	HP16	491085 201215	
CTC/5008/0474	9 Central Chilterns	19/09/2012	A413/B458 Frith Hill	3-arm roundabout	Great Missenden	Buckinghamshire	HP16	489735 201420	
CTC/5008/0476	9 Central Chilterns	19/09/2012	A413/A4128 Link Rd	3-arm roundabout	Great Missenden	Buckinghamshire	HP16	489620 201575	
CTC/5009/0531	10 Dunsmore, Wendover & Halton	19/09/2012	A413 Nash Lee Rd/London Rd/Small Dean Ln	4-arm roundabout	Wendover	Buckinghamshire	HP22	487230 206855	
CTC/5009/0539	10 Dunsmore, Wendover & Halton	19/09/2012	South St/Bacombe La	Priority t-junction	Wendover	Buckinghamshire	HP22	486852 207485	
CTC/5009/0558	10 Dunsmore, Wendover & Halton	19/09/2012	A413/B4009 Nash Lee Rd	3-arm roundabout	Wendover	Buckinghamshire	HP22	485345 208645	
CTC/5009/0561	10 Dunsmore, Wendover & Halton	19/09/2012	B4009 Nash Lee Road/Nash Lee Ln	Priority t-junction	Wendover	Buckinghamshire	HP22	484930 208695	
CTC/5010/0578	11 Stoke Mandeville & Aylesbury	19/09/2012	A4010 Risborough Rd/Old Risborough Rd	Priority t-junction	Stoke Manderville	Buckinghamshire	HP22	483491 209436	
CTC/5010/0578	11 Stoke Mandeville	19/09/2012	A4010 Risborough	Priority t-junction	Stoke	Buckinghamshire	HP22	483519 209726	

Classified turning count surveys									
CTC Reference No.	CFA	Date Surveyed	Junction	Junction Type	Near	Borough or County	Post Code	OS Grid Reference	
	& Aylesbury		Rd/Old Risborough Rd		Manderville				
CTC/5011/0655	11 Stoke Mandeville & Aylesbury	19/09/2012	A41/Aylesbury Vale Parkway Stn	4-arm roundabout	Aylesbury	Buckinghamshire	HP20	478705 215520	
CTC/5011/0684	11 Stoke Mandeville & Aylesbury	18/09/2012	A41/Waddesdon Hill/Blackgrove Rd	Off-set priority crossroads	Waddesdon	Buckinghamshire	HP18	475767 216720	
CTC/5012/0713	12 Waddesdon & Quainton	18/09/2012	Station Rd/Quainton Rd	Priority crossroads	Waddesdon	Buckinghamshire	HP18	473527 218812	
CTC/5013/0790	13 Calvert, Steeple Claydon, Twyford & Chetwode	18/09/2012	School Hill/Brackley Ln	Priority t-junction	Calvert	Buckinghamshire	MK18	468755 224705	
CTC/5013/0791	13 Calvert, Steeple Claydon, Twyford & Chetwode	18/09/2012	School Hill/Addison Rd	Priority t-junction	Calvert	Buckinghamshire	MK18	469345 225136	
CTC/5013/0794	13 Calvert, Steeple Claydon, Twyford & Chetwode	18/09/2012	School Hill/Perry Hill	Priority crossroads	Calvert	Buckinghamshire	MK18	468120 224675	
CTC/5013/0801	13 Calvert, Steeple Claydon, Twyford & Chetwode	18/09/2012	Addison Rd/Vicarage Ln	Priority t-junction	Steeple Claydon	Buckinghamshire	MK18	469579 226705	
CTC/5013/0802	13 Calvert, Steeple Claydon, Twyford & Chetwode	18/09/2012	School Hill/Main St	Priority t-junction	Calvert	Buckinghamshire	MK18	467220 224856	
CTC/5013/0803	13 Calvert, Steeple Claydon, Twyford & Chetwode	18/09/2012	West St/Addison Rd	Priority t-junction	Steeple Claydon	Buckinghamshire	MK18	469517 226948	
CTC/5013/0810	13 Calvert, Steeple	18/09/2012	Portway Rd/Main St	Priority t-junction	Calvert	Buckinghamshire	MK18	467307 225978	

Classified turning count surveys									
CTC Reference No.	CFA	Date Surveyed	Junction	Junction Type	Near	Borough or County	Post Code	OS Grid Reference	
	Claydon, Twyford & Chetwode								
CTC/5013/0812	13 Calvert, Steeple Claydon, Twyford & Chetwode	18/09/2012	West St/Perry Hill	Priority crossroads	Calvert	Buckinghamshire	MK18	467615 226560	
CTC/5014/0880	14 Newton Purcell to Brackley	19/09/2012	A4421/Barton Hartshorne	Priority t-junction	Barton Hartshorne	Oxfordshire	MK18	462985 231305	
CTC/5014/0908	14 Newton Purcell to Brackley	19/09/2012	Church Ln/Featherbed Ln	Priority t-junction	Mixbury	Oxfordshire	NN13	461780 233845	
CTC/5016/0962	14 Newton Purcell to Brackley	12/06/2012	A43/Northampton Rd	4-arm roundabout	Brackley	Northamptonshire/HA	NN13	459350 238530	
CTC/5017/1083	15 Greatworth to Lower Boddington	19/09/2012	Welsh Road at Trafford Bridge	Priority t-junction	Edgcote	Northamptonshire	OX17	451810 247895	
CTC/5019/1153	15 Greatworth to Lower Boddington	19/09/2012	Banbury Rd/Boddington Rd	Priority crossroads	Lower Boddington	Northamptonshire	NN11	446920 252875	

Table 8: Queue length surveys

Queue length surveys									
QL Reference No.	CFA	Date Surveyed	Junction	Junction Type	Near	Borough/ County	Post Code	OS Grid Reference	
QL/5005/0276	7 Colne Valley	27/06/2012	A412 North Orbital Rd/Moorfield Rd	Signal controlled t-junction	Denham Green	Hertfordshire	SL9	504015 187865	
QL/5005/0308	7 Colne Valley	27/06/2012	A412 Denham Way/Chalfont Ln	4-arm roundabout	West Hyde	Hertfordshire	SL9	503050 191535	
QL/5006/0324	8 Chalfonts & Amersham	27/06/2012	A412/A405 Denham Way/A412 Uxbridge Rd	3-arm roundabout	Rickmansworth	Hertfordshire	WD3	503633 193382	
QL/5008/0474	9 Central Chilterns	19/09/2012	A413/B458 Frith Hill	3-arm roundabout	Great Missenden	Buckinghamshire	HP16	489735 201420	
QL/5008/0476	9 Central Chilterns	19/09/2012	A413/A4128 Link Rd	3-arm roundabout	Great Missenden	Buckinghamshire	HP16	489620 201575	
QL/5009/0531	10 Dunsmore, Wendover & Halton	19/09/2012	A413 Nash Lee Rd/London Rd/Small Dean Ln	4-arm roundabout	Wendover	Buckinghamshire	HP22	487230 206855	
QL/5009/0558	10 Dunsmore, Wendover & Halton	19/09/2012	A413/B4009 Nash Lee Rd	3-arm roundabout	Wendover	Buckinghamshire	HP22	485345 208645	
QL/5016/0962	14 Newton Purcell to Brackley	12/06/2012	A43/Northampton Rd	4-arm roundabout	Brackley	Northamptonshire	NN13	459350 238530	

Table 9: Public rights of way surveys

Public rights of way surveys									
PRoW Reference No.	CFA	County Council Reference	Date of Survey	Survey Type	Type of PRoW	Near	Borough or County	Post Code	OS Grid Reference
ROW/5005/0262	7 Colne Valley	-	Aug-12	Bi-directional	Public footpath	South Harefield	Hillingdon	UB9	505674 187666
ROW/5005/0268	7 Colne Valley	-	Aug-12	Bi-directional	Permitted off-road cycle route	South Harefield	Hillingdon	UB9	505128 188052
ROW/5005/0269	7 Colne Valley	DEN/3/1	Aug-12	Bi-directional	Public footpath	South Harefield	Hillingdon	UB9	505086 188084
ROW/5005/0292	7 Colne Valley	Denham Way North Orbital	Sep-12	Bi-directional	Single carriageway (S2)	Denham Green	Hertfordshire	UB9	503592 189802
ROW/5005/0296	7 Colne Valley	DEN/3/1	Sep-12	Turning	Single carriageway (S2)	Denham Green	Hertfordshire	UB9	503178 190038
ROW/5005/0300	7 Colne Valley	Tilehouse Lane	Sep-12	Bi-directional	Single carriageway (S1)	West Hyde	Hertfordshire	SL9	503139 190338
ROW/5005/0310	8 Chalfonts & Amersham	Chalfont Lane	Sep-12	Bi-directional	Single carriageway (S1)	West Hyde	Hertfordshire	SL9	502561 191460
ROW/5005/0306	8 Chalfonts & Amersham	CSP/43/2 & CSP/44/1	Aug-12	Turning	Public bridleway cross roads	West Hyde	Hertfordshire	SL9	502406 190612
ROW/5006/0341	8 Chalfonts & Amersham	Chesham Lane	Sep-12	Turning	Single carriageway (S2)	Chalfont St Peter	Buckinghamshire	HP8	500103 193032
ROW/5006/0370	8 Chalfonts & Amersham	CSP/10/1	Aug-12	Bi-directional	Public footpath	Chalfont St Giles	Buckinghamshire	HP8	497618 194616
ROW/5006/0373	8 Chalfonts & Amersham	Bottom House Farm Lane	Sep-12	Bi-directional	Single carriageway (S1)	Chalfont St Giles	Buckinghamshire	HP8	497338 194759

Public rights of way surveys									
PRoW Reference No.	CFA	County Council Reference	Date of Survey	Survey Type	Type of PRoW	Near	Borough or County	Post Code	OS Grid Reference
ROW/5007/0398	8 Chalfonts & Amersham	AMS/23/3	Sep-12	Turning	Public footpath t-junction	Amersham Old Town	Buckinghamshire	HP8	495563 196354
ROW/5007/0401	9 Central Chilterns	A404 Whielden La/Whielden St	Sep-12	Turning	Priority t-junction	Amersham	Buckinghamshire	HP7	495224 196607
ROW/5007/0430	9 Central Chilterns	LMI/40/2	Sep-12	Bi-directional	Public footpath	Amersham	Buckinghamshire	HP7	493406 198771
ROW/5007/0446	9 Central Chilterns	LMI/17/2 & LMI/27/1 & LMI/21/1	Aug-12	Turning	Public footpath crossroads	Hyde Heath	Buckinghamshire	HP7	492075 199785
ROW/5008/0454	9 Central Chilterns	GMI/23/7 & GMI/27/1	Aug-12	Turning	Public footpath crossroads	South Heath	Buckinghamshire	HP16	491858 200736
ROW/5008/0458	9 Central Chilterns	Hyde Lane	Sep-12	Turning	Single carriageway (S1)	South Heath	Buckinghamshire	HP16	491455 200839
ROW/5008/0460	9 Central Chilterns	GMI/33/4 & GMI/33/3	Aug-12	Turning	Public footpath t-junction	South Heath	Buckinghamshire	HP16	491364 201012
ROW/5008/0466	9 Central Chilterns	GMI/80/1 & GMI/28/1	Aug-12	Turning	Public footpath crossroads	South Heath	Buckinghamshire	HP16	490832 201404
ROW/5008/0471	9 Central Chilterns	Frith Hill	Sep-12	Bi-directional	Single carriageway (S2)	South Heath	Buckinghamshire	HP16	490630 201818
ROW/5008/0475	9 Central Chilterns	GMI/13/3	Aug-12	Bi-directional	Public footpath	South Heath	Buckinghamshire	HP16	490340 202061
ROW/5008/0478	9 Central Chilterns	GMI/12/1	Aug-12	Bi-directional	Public footpath	South Heath	Buckinghamshire	HP16	490046 202333

Public rights of way surveys										
PRoW Reference No.	CFA	County Council Reference	Date of Survey	Survey Type	Type of PRoW	Near	Borough or County	Post Code	OS Grid Reference	
ROW/5008/0482	9 Central Chilterns	GMI/2/1	Aug-12	Bi-directional	Public footpath	South Heath	Buckinghamshire	HP16	489862 202598	
ROW/5008/0488	9 Central Chilterns	Leather Lane	Sep-12	Bi-directional	Single carriageway (S1)	South Heath	Buckinghamshire	HP16	489462 203140	
ROW/5008/0498	10 Dunsmore, Wendover & Halton	WEN/38/1	Aug-12	Bi-directional	Public footpath	Lee Common	Buckinghamshire	HP16	488919 203923	
ROW/5008/0501	10 Dunsmore, Wendover & Halton	Bowood Lane	Sep-12	Bi-directional	Single carriageway (S1)	Wendover Dean	Buckinghamshire	HP22	488767 204205	
ROW/5008/0501	10 Dunsmore, Wendover & Halton	WEN/37/1	Aug-12	Bi-directional	Public footpath	Lee Common	Buckinghamshire	HP16	488760 204188	
ROW/5008/0505	10 Dunsmore, Wendover & Halton	TLE/5/2	Aug-12	Bi-directional	Public footpath	Lee Common	Buckinghamshire	HP16	488685 204587	
ROW/5008/0507	10 Dunsmore, Wendover & Halton	TLE/6/5	Aug-12	Bi-directional	Public footpath	Lee Common	Buckinghamshire	HP16	488471 204754	
ROW/5008/0510	10 Dunsmore, Wendover & Halton	WEN/39/1	Sep-12	Turning	Public footpath t-junction	Lee Common	Buckinghamshire	HP16	488344 204989	
ROW/5009/0520	10 Dunsmore, Wendover & Halton	Chesham Lane/ Rocky Lane	Sep-12	Bi-directional	Single carriageway (S2)	Kingsash	Buckinghamshire	HP22	487847 205835	
ROW/5009/0529	10 Dunsmore, Wendover & Halton	Small Dean Ln	Aug-12	Bi-directional	Single carriageway (S1)	Wendover	Buckinghamshire	HP22	487303 206659	
ROW/5009/0538	10 Dunsmore, Wendover & Halton	WEN/14/4	Sep-12	Turning	Public bridleway t-junction	Wendover	Buckinghamshire	HP22	486802 207359	
ROW/5009/	10 Dunsmore, Wendover &	Ellesborough	Aug-12	Bi-directional	Single carriageway (S2)	Wendover	Buckinghamshire	HP22	486523 207538	

Public rights of way surveys										
PRoW Reference No.	CFA	County Council Reference	Date of Survey	Survey Type	Type of PRoW	Near	Borough or County	Post Code	OS Grid Reference	
0542	Halton	Rd								
ROW/5009/0543	10 Dunsmore, Wendover & Halton	WEN/11/2 & WEN/6/2	Sep-12	Turning	Public footpath crossroads	Wendover	Buckinghamshire	HP22	486423 207654	
ROW/5009/0549	10 Dunsmore, Wendover & Halton	WEN/55/1	Sep-12	Turning	Public footpath t-junction	Wendover	Buckinghamshire	HP22	485869 207871	
ROW/05009/0561	11 Stoke Manderville & Aylesbury	Nash Lee Ln	Sep-12	Bi-directional	Single carriageway (S2)	Wendover	Buckinghamshire	HP22	485027 208785	
ROW/5009/0560	10 Dunsmore, Wendover & Halton	ELL/25/1	Sep-12	Bi-directional	Public footpath	Wendover	Buckinghamshire	HP22	485022 208633	
ROW/5009/0568	11 Stoke Manderville & Aylesbury	ELL/20/1	Sep-12	Bi-directional	Public footpath	Stoke Manderville	Buckinghamshire	HP22	484375 209093	
ROW/5009/0574	11 Stoke Manderville & Aylesbury	SMA/5/1	Sep-12	Bi-directional	Public footpath	Stoke Manderville	Buckinghamshire	HP22	483833 209465	
ROW/5010/0579	11 Stoke Manderville & Aylesbury	A4010 Risborough Rd	Sep-12	Bi-directional	Public footpath	Stoke Manderville	Buckinghamshire	HP22	483520 209721	
ROW/5010/0580	11 Stoke Manderville & Aylesbury	SMA/5/1 & SMA/8/1	Sep-12	Turning	Public footpath crossroads	Stoke Manderville	Buckinghamshire	HP22	483241 209532	
ROW/5010/0586	11 Stoke Manderville & Aylesbury	SMA/9/1	Sep-12	Bi-directional	Public footpath	Stoke Manderville	Buckinghamshire	HP22	483027 209932	
ROW/5010/0586	11 Stoke Manderville & Aylesbury	Marsh Lane	Sep-12	Bi-directional	Single carriageway (S2)	Stoke Manderville	Buckinghamshire	HP22	482846 210054	
ROW/5010/0592	11 Stoke Manderville & Aylesbury	SMA/11/2	Sep-12	Bi-directional	Public footpath	Stoke Manderville	Buckinghamshire	HP22	482293 210357	

Public rights of way surveys										
PRoW Reference No.	CFA	County Council Reference	Date of Survey	Survey Type	Type of PRoW	Near	Borough or County	Post Code	OS Grid Reference	
ROW/5010/0600	11 Stoke Mandeville & Aylesbury	SMA/11/2	Aug-12	Turning	Public footpath t-junction	Aylesbury	Buckinghamshire	HP20	481711 210937	
ROW/5010/0606	11 Stoke Mandeville & Aylesbury	SBH/19/7	Aug-12	Bi-directional	Public bridleway	Aylesbury	Buckinghamshire	HP20	481259 211169	
ROW/5010/0612	11 Stoke Mandeville & Aylesbury	SBH/27/1	Aug-12	Bi-directional	Public footpath	Aylesbury	Buckinghamshire	HP20	480806 211607	
ROW/5010/0619	11 Stoke Mandeville & Aylesbury	SBH/34/1	Aug-12	Bi-directional	Public footpath	Aylesbury	Buckinghamshire	HP20	480352 212122	
ROW/5010/0623	11 Stoke Mandeville & Aylesbury	A418 Oxford Rd	Sep-12	Bi-directional	Single carriageway (S2)	Aylesbury	Buckinghamshire	HP20	480113 212431	
ROW/5010/0628	11 Stoke Mandeville & Aylesbury	SBH/32/1	Aug-12	Bi-directional	Public footpath	Aylesbury	Buckinghamshire	HP20	479785 212917	
ROW/5010/0640	11 Stoke Mandeville & Aylesbury	SBH/2/4	Aug-12	Bi-directional	Public bridleway	Aylesbury	Buckinghamshire	HP20	479078 213807	
ROW/5011/0664	11 Stoke Mandeville & Aylesbury	FMA/1/1	Aug-12	Bi-directional	Public bridleway	Aylesbury	Buckinghamshire	HP20	477476 215579	
ROW/5011/0671	11 Stoke Mandeville & Aylesbury	WAD/6/4	Aug-12	Bi-directional	Public footpath	Waddesdon	Buckinghamshire	HP18	476999 216089	
ROW/5011/0677	11 Stoke Mandeville & Aylesbury	A41, Bicester Road	Sep-12	Bi-directional	Single carriageway (S2)	Waddesdon	Buckinghamshire	HP18	476538 216528	
ROW/5011/0686	12 Waddesdon & Quainton	Blackgrove Road	Sep-12	Turning	Single carriageway (S2)	Waddesdon	Buckinghamshire	HP18	475842 217160	
ROW/5011/0695	12 Waddesdon & Quainton	WAD/4/2	Aug-12	Turning	Public footpath t-junction	Waddesdon	Buckinghamshire	HP18	475083 217591	

Public rights of way surveys									
PRoW Reference No.	CFA	County Council Reference	Date of Survey	Survey Type	Type of PRoW	Near	Borough or County	Post Code	OS Grid Reference
ROW/5011/0702	12 Waddesdon & Quainton	WAD/4A/1 & WAD/3/4	Sep-12	Turning	Public footpath t-junction	Waddesdon	Buckinghamshire	HP18	474711 218121
ROW/5012/0715	12 Waddesdon & Quainton	Station Road	Sep-12	Turning	Single carriageway (S2)	Waddesdon	Buckinghamshire	HP18	473548 218804
ROW/5012/0724	12 Waddesdon & Quainton	QUA/31/3	Aug-12	Turning	Public footpath/track crossroads	Quainton	Buckinghamshire	HP22	472992 219473
ROW/5012/0731	12 Waddesdon & Quainton	QUA/24A/1 & QUA/28A/2	Aug-12	Turning	Public bridleway/public footpath crossroads	Quainton	Buckinghamshire	HP22	472745 220190
ROW/5012/0739	12 Waddesdon & Quainton	QUA/26/1	Aug-12	Bi-directional	Public footpath	Quainton	Buckinghamshire	HP22	472076 220707
ROW/5012/0742	12 Waddesdon & Quainton	Edggott Road	Sep-12	Bi-directional	Single carriageway (S2)	Quainton	Buckinghamshire	HP22	471852 220967
ROW/5012/0754	12 Waddesdon & Quainton	QUA/36/2	Aug-12	Bi-directional	Public bridleway	Quainton	Buckinghamshire	HP22	471067 221872
ROW/5012/0758	12 Waddesdon & Quainton	GUN/31/1	Aug-12	Bi-directional	Public footpath	Quainton	Buckinghamshire	HP22	470794 222187
ROW/5012/0760	12 Waddesdon & Quainton	GUN/28/1	Aug-12	Bi-directional	Public bridleway	Quainton	Buckinghamshire	HP22	470680 222319
ROW/5012/0766	13 Calvert, Twyford, Steeple Claydon & Chetwode	CAG/3/1	Aug-12	Turning	Public bridleway/public footpath t-junction	Quainton	Buckinghamshire	HP22	470266 222774
ROW/5013/0775	13 Calvert, Twyford, Steeple Claydon & Chetwode	CAG/3/1	Aug-12	Turning	Public bridleway/public footpath t-junction	Calvert	Buckinghamshire	MK18	469698 223457

Public rights of way surveys										
PRoW Reference No.	CFA	County Council Reference	Date of Survey	Survey Type	Type of PRoW	Near	Borough or County	Post Code	OS Grid Reference	
ROW/5013/0780	13 Calvert, Twyford, Steeple Claydon & Chetwode	SCL/18/2	Aug-12	Turning	Public bridleway/public footpath t-junction	Calvert	Buckinghamshire	MK18	469406 223869	
ROW/5013/0790	13 Calvert, twyford, Steeple Claydon & Chetwode	School Hill	Sep-12	Turning	Single carriageway (S2)	Calvert	Buckinghamshire	MK18	468769 224702	
ROW/5013/0803	13 Calvert, twyford, Steeple Claydon & Chetwode	Perry Hill	Sep-12	Turning	Single carriageway (S2)	Calvert	Buckinghamshire	MK18	468038 225728	
ROW/5013/0810	13 Calvert, twyford, Steeple Claydon & Chetwode	West Street	Sep-12	Turning	Single carriageway (S2)	Calvert	Buckinghamshire	MK18	467305 225974	
ROW/5013/0815	13 Calvert, Twyford, Steeple Claydon & Chetwode	TWY/18/2	Aug-12	Bi-directional	Public footpath	Twyford	Buckinghamshire	MK18	467185 226531	
ROW/5013/0820	13 Calvert, Twyford, Steeple Claydon & Chetwode	TWY/17/1 & TWY/16/1	Aug-12	Turning	Public footpath t-junction	Twyford	Buckinghamshire	MK18	466671 226738	
ROW/5013/0825	13 Calvert, Twyford, Steeple Claydon & Chetwode	PBI/6/2	Aug-12	Turning	Public footpath t-junction	Twyford	Buckinghamshire	MK18	466177 226853	
ROW/5013/0831	13 Calvert, Twyford, Steeple Claydon & Chetwode	TWY/7A/1	Aug-12	Bi-directional	Private road used as public path	Twyford	Buckinghamshire	MK18	465818 227438	
ROW/5014/0841	13 Calvert, Twyford, Steeple Claydon & Chetwode	PBI/9/3	Aug-12	Bi-directional	Public footpath	Godington	Buckinghamshire	MK18	465093 228017	

Public rights of way surveys										
PRoW Reference No.	CFA	County Council Reference	Date of Survey	Survey Type	Type of PRoW	Near	Borough or County	Post Code	OS Grid Reference	
ROW/5014/o844	13 Calvert, Twyford, Steeple Claydon & Chetwode	CHW/24/2	Aug-12	Bi-directional	Public bridleway	Godington	Buckinghamshire	MK18	464829 228299	
ROW/5014/o855	13 Calvert, twyford, Steeple Claydon & Chetwode	The Green	Sep-12	Turning	Priority t-junction	Chetwode	Buckinghamshire	MK18	464131 229061	
ROW/5014/o857	13 Calvert, Twyford, Steeple Claydon & Chetwode	CHW/18/1	Aug-12	Bi-directional	Public footpath	Chetwode	Buckinghamshire	MK18	463978 229246	
ROW/5014/o864	13 Calvert, twyford, Steeple Claydon & Chetwode	School End	Sep-12	Bi-directional	Single carriageway (S1)	Chetwode	Buckinghamshire	MK18	463524 229745	
ROW/5014/o874	13 Calvert, Twyford, Steeple Claydon & Chetwode	BHA/2/2	Sep-12	Bi-directional	Public footpath	Barton Hartshorn	Buckinghamshire	MK18	463134 230646	
ROW/5014/o880	13 Calvert, twyford, Steeple Claydon & Chetwode	A4421	Sep-12	Turning	Priority t-junction	Barton Hartshorne	Oxfordshire	MK18	462985 231305	
ROW/5014/o887	14 Newton Purcell to Brackley	213/7-TEMP	Sep-12	Bi-directional	Public bridleway	Finnmere	Oxfordshire	MK18	462662 231938	
ROW/5014/o894	14 Newton Purcell to Brackley	213/4-TEMP	Sep-12	Bi-directional	Public bridleway	Finnmere	Oxfordshire	MK18	462400 232558	
ROW/5015/o899	14 Newton Purcell to Brackley	A421	Sep-12	Bi-directional	Single carriageway (S2)	Mixbury	Oxfordshire	NN13	462215 232991	
ROW/5015/	14 Newton Purcell to	Featherbed	Sep-12	Turning	Single carriageway (S1)	Mixbury	Oxfordshire	NN13	461798 233862	

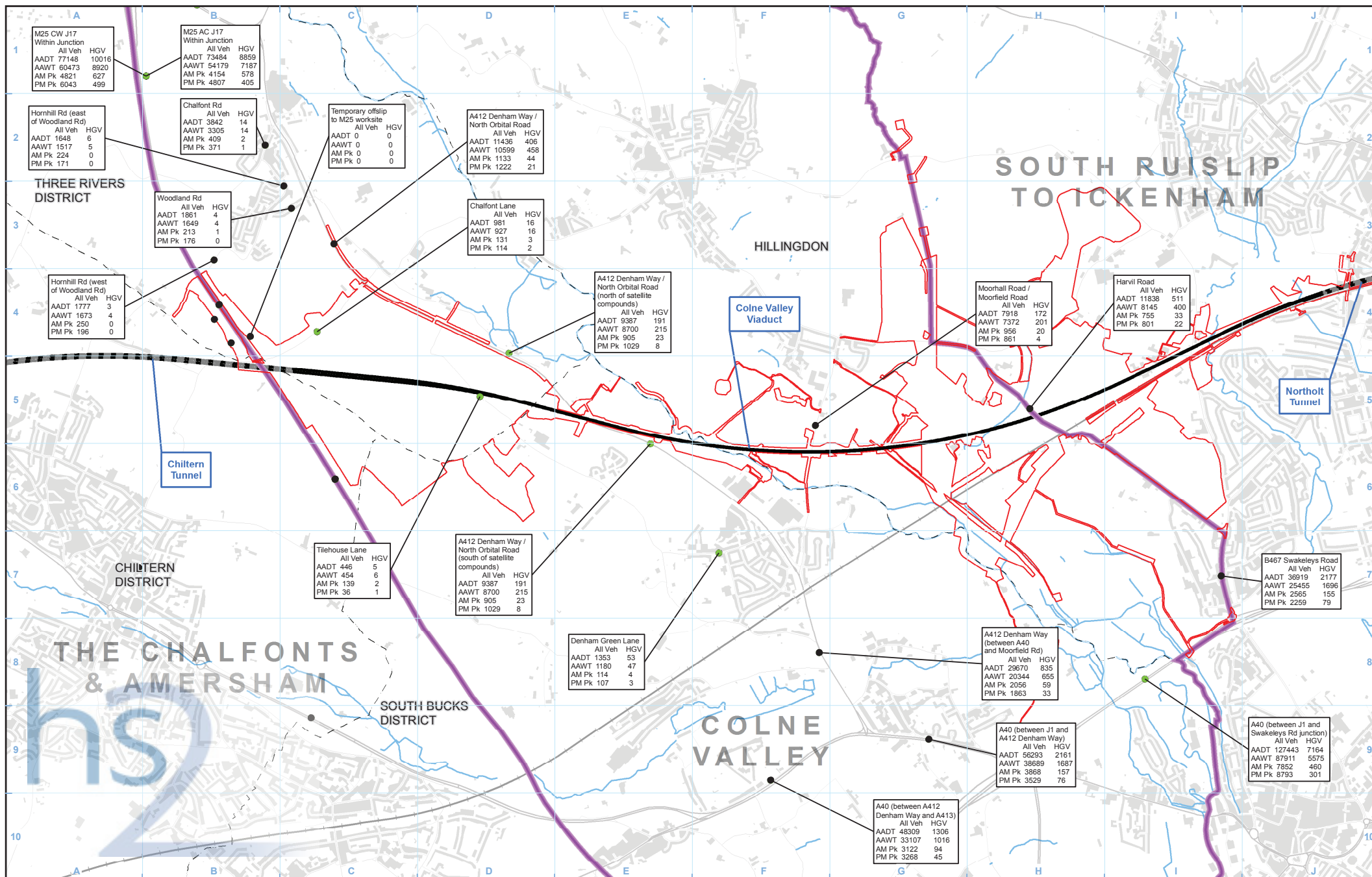
Public rights of way surveys										
PRoW Reference No.	CFA	County Council Reference	Date of Survey	Survey Type	Type of PRoW	Near	Borough or County	Post Code	OS Grid Reference	
0908	Brackley	Lane								
ROW/5015/0918	14 Newton Purcell to Brackley	303/4/20	Sep-12	Turning	Public bridleway t-junction	Mixbury	Oxfordshire	NN13	461489 234743	
ROW/5015/0924	14 Newton Purcell to Brackley	303/5/10	Sep-12	Bi-directional	Public bridleway	Westbury	Buckinghamshire	NN13	461220 235418	
ROW/5015/0931	14 Newton Purcell to Brackley	WBB/17/1	Aug-12	Bi-directional	Public footpath	Westbury	Buckinghamshire	NN13	461078 236025	
ROW/5015/0937	14 Newton Purcell to Brackley	A422 Brackley Rd	Sep-12	Bi-directional	Single carriageway (S2)	Westbury	Buckinghamshire	NN13	460965 236563	
ROW/5015/0948	14 Newton Purcell to Brackley	TUW/4/1	Aug-12	Turning	Public bridleway/public footpath t-junction	Turweston	Buckinghamshire	NN13	460596 237657	
ROW/5015/0946	14 Newton Purcell to Brackley	TUW/9/2 & TUW/3/2	Aug-12	Turning	Public bridleway/public footpath t-junction	Turweston	Buckinghamshire	NN13	460489 237432	
ROW/5015/0954	14 Newton Purcell to Brackley	TUW/7/1	Sep-12	Bi-directional	Public footpath	Turweston	Buckinghamshire	NN13	460239 238194	
ROW/5015/0959	14 Newton Purcell to Brackley	BD8/BD10	Aug-12	Turning	Public bridleway/public footpath crossroads	Brackley	Northamptonshire	NN13	459698 238440	
ROW/5016/0970	14 Newton Purcell to Brackley	BD7/AX14/AX16	Aug-12	Turning	Public bridleway t-junction	Brackley	Northamptonshire	NN13	459276 239395	
ROW/5016/0976	14 Newton Purcell to Brackley	AX15/AX14	Aug-12	Turning	Public bridleway/public footpath crossroads	Radstone	Northamptonshire	NN13	458888 239864	
ROW/5016/0979	14 Newton Purcell to Brackley	AX7	Aug-12	Bi-directional	Public footpath	Radstone	Northamptonshire	NN13	458749 240166	
ROW/5016/	14 Newton Purcell to	Radstone	Sep-12	Bi-directional	Single carriageway (S2)	Radstone	Northamptonshire	NN13	458642 240289	

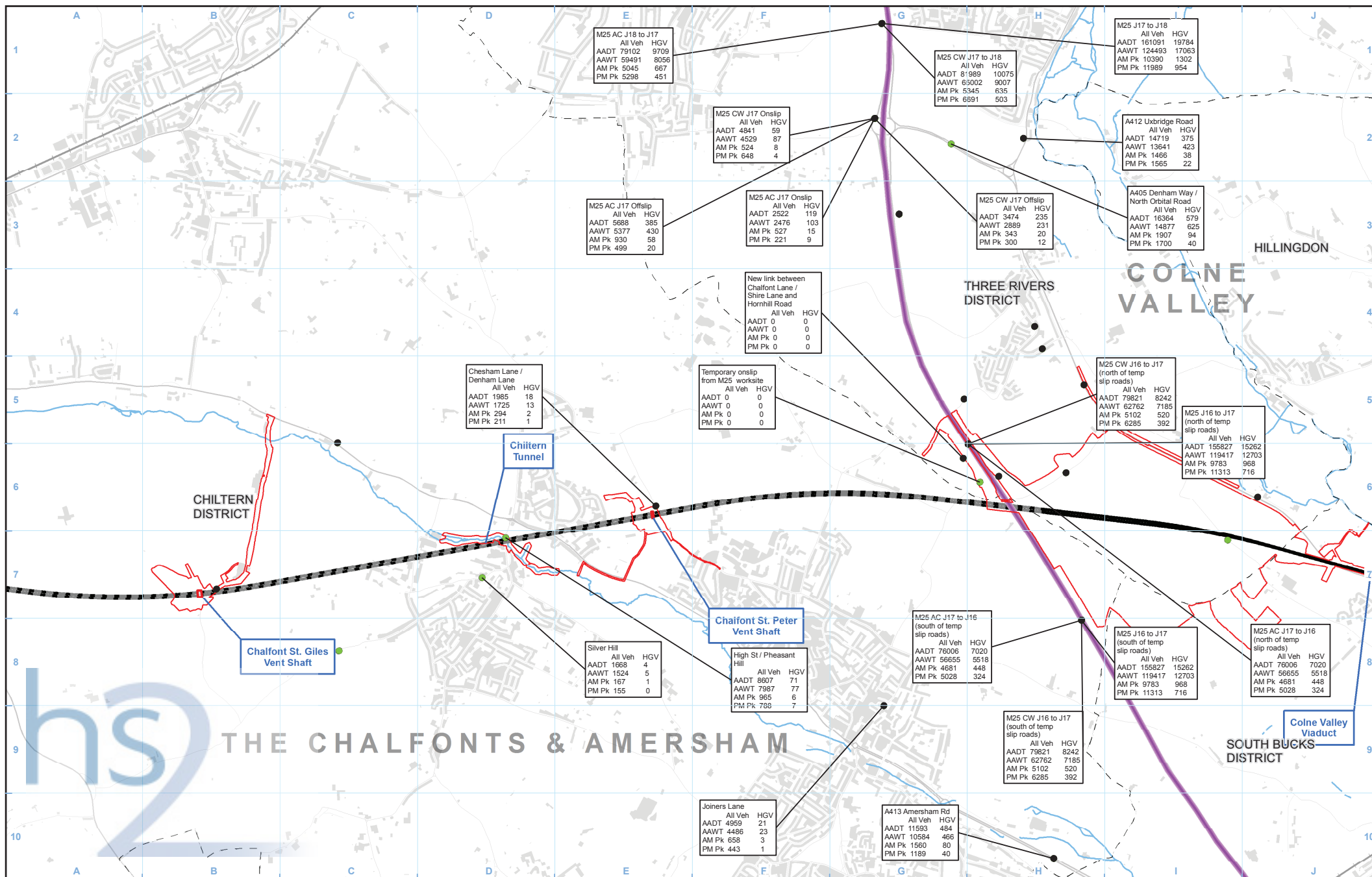
Public rights of way surveys										
PRoW Reference No.	CFA	County Council Reference	Date of Survey	Survey Type	Type of PRoW	Near	Borough or County	Post Code	OS Grid Reference	
0981	Brackley	Road								
ROW/5016/0983	14 Newton Purcell to Brackley	AX19	Aug-12	Bi-directional	Public bridleway	Radstone	Northamptonshire	OX17	458467 240416	
ROW/5016/0984	14 Newton Purcell to Brackley	AX5/AX18	Aug-12	Bi-directional	Public bridleway	Radstone	Northamptonshire	OX17	458316 240513	
ROW/5016/0996	15 Greatworth to Lower Boddington	AN22/AN37	Aug-12	Turning	Public bridleway/public footpath crossroads	Greatworth	Northamptonshire	OX17	457437 241263	
ROW/5016/1005	15 Greatworth to Lower Boddington	AN19/AN37	Aug-12	Turning	Public bridleway/public footpath t-junction	Greatworth	Northamptonshire	OX17	457009 242024	
ROW/5016/1007	15 Greatworth to Lower Boddington	AN28	Aug-12	Bi-directional	Public footpath	Greatworth	Northamptonshire	OX17	456760 242109	
ROW/5016/1012	15 Greatworth to Lower Boddington	AN14	Aug-12	Bi-directional	Public bridleway	Greatworth	Northamptonshire	OX17	456446 242401	
ROW/5016/1020	15 Greatworth to Lower Boddington	AN13	Aug-12	Bi-directional	Public footpath	Greatworth	Northamptonshire	OX17	455809 243046	
ROW/5016/1022	15 Greatworth to Lower Boddington	Helmdon Rd	Sep-12	Bi-directional	Single carriageway (S1)	Greatworth	Northamptonshire	OX17	455707 243096	
ROW/5017/1025	15 Greatworth to Lower Boddington	AN4	Aug-12	Bi-directional	Public footpath	Greatworth	Northamptonshire	OX17	455470 243356	
ROW/5017/1028	15 Greatworth to Lower Boddington	B4525	Sep-12	Bi-directional	Single carriageway (S2)	Greatworth	Northamptonshire	OX17	455265 243598	
ROW/5017/1032	15 Greatworth to Lower Boddington	AN39	Aug-12	Bi-directional	Public footpath	Greatworth	Northamptonshire	OX17	454927 243858	

Public rights of way surveys									
PRoW Reference No.	CFA	County Council Reference	Date of Survey	Survey Type	Type of PRoW	Near	Borough or County	Post Code	OS Grid Reference
ROW/5017/1038	15 Greatworth to Lower Boddington	Sulgrave Road	Sep-12	Bi-directional	Single carriageway (S2)	Thorpe Mandeville	Northamptonshire	OX17	454497 244286
ROW/5017/1045	15 Greatworth to Lower Boddington	BB3	Sep-12	Bi-directional	Single carriageway (S2)	Thorpe Mandeville	Northamptonshire	OX17	454082 244838
ROW/5017/1054	15 Greatworth to Lower Boddington	Banbury lane	Sep-12	Turning	Single carriageway (S2)	Thorpe Mandeville	Northamptonshire	OX17	453536 245532
ROW/5017/1069	15 Greatworth to Lower Boddington	AG9/AG10	Aug-12	Turning	Public bridleway crossroads	Thorpe Mandeville	Northamptonshire	OX17	452476 246537
ROW/5017/1083	15 Greatworth to Lower Boddington	Edgcote Road	Sep-12	Turning	Priority t-junction	Edgcote	Northamptonshire	OX17	451810 247895
ROW/5018/1088	15 Greatworth to Lower Boddington	AE5	Sep-12	Bi-directional	Public footpath	Edgcote	Northamptonshire	OX17	451414 248214
ROW/5018/1097	15 Greatworth to Lower Boddington	AE12/AE28	Aug-12	Turning	Public footpath t-junction	Chipping Warden	Northamptonshire	OX17	451066 249111
ROW/5018/1097	15 Greatworth to Lower Boddington	Culworth Road	Sep-12	Bi-directional	Single carriageway (S2)	Chipping Warden	Northamptonshire	OX17	450837 248787
ROW/5018/1101	15 Greatworth to Lower Boddington	AE12/AE20	Aug-12	Turning	Public footpath crossroads	Chipping Warden	Northamptonshire	OX17	450485 249098
ROW/5018/1102	15 Greatworth to Lower Boddington	AE20/AE21	Aug-12	Turning	Public footpath t-junction	Chipping Warden	Northamptonshire	OX17	450414 249151
ROW/5018/1107	15 Greatworth to Lower Boddington	Banbury Road A36	Sep-12	Turning	Single carriageway (S2)	Chipping Warden	Northamptonshire	OX17	450035 249561
ROW/5018/1108	15 Greatworth to Lower Boddington	AE17	Aug-12	Bi-directional	Public footpath	Chipping Warden	Northamptonshire	OX17	449966 249533

Public rights of way surveys										
PRoW Reference No.	CFA	County Council Reference	Date of Survey	Survey Type	Type of PRoW	Near	Borough or County	Post Code	OS Grid Reference	
ROW/5018/1117	15 Greatworth to Lower Boddington	Appletree Lane	Sep-12	Bi-directional	Single carriageway (S1)	Aston le Walls	Northamptonshire	NN11	449261 250179	
ROW/5018/1120	15 Greatworth to Lower Boddington	AA8	Aug-12	Bi-directional	Public footpath	Aston le Walls	Northamptonshire	NN11	449127 250340	
ROW/5018/1136	15 Greatworth to Lower Boddington	AC2	Aug-12	Bi-directional	Public footpath	Lower Boddington	Northamptonshire	NN11	447945 251487	
ROW/5018/1138	15 Greatworth to Lower Boddington	AC1	Sep-12	Turning	Single carriageway (S1)	Lower Boddington	Northamptonshire	NN11	447798 251651	
ROW/5019/1153	15 Greatworth to Lower Boddington	Banbury Rd/Boddington Rd	Sep-12	Turning	Priority crossroads	Lower Boddington	Northamptonshire	NN11	446920 252875	

Appendix B – summary 2012 baseline traffic flow maps





- Legend**
- Route in tunnel
 - Route on surface
 - Station, depot or vent shaft
 - Land expected to be required for construction
 - Community forum boundary
 - District/Borough boundary
 - County boundary
 - Watercourse
 - Water body
 - Existing rail line
 - Existing Railway Station
 - Traffic Data

AADT - Annual Average Daily Traffic Flow
 AAWT - Annual Average Weekday Traffic Flow
 AM Pk - AM Peak Hour (08:00 - 09:00) Traffic Flow
 PM Pk - PM Peak Hour (17:00 - 18:00) Traffic Flow

Map Name
2012 Baseline Traffic Data

Community Forum Area CFA8:
 The Chalfonts & Amersham



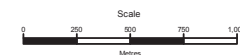
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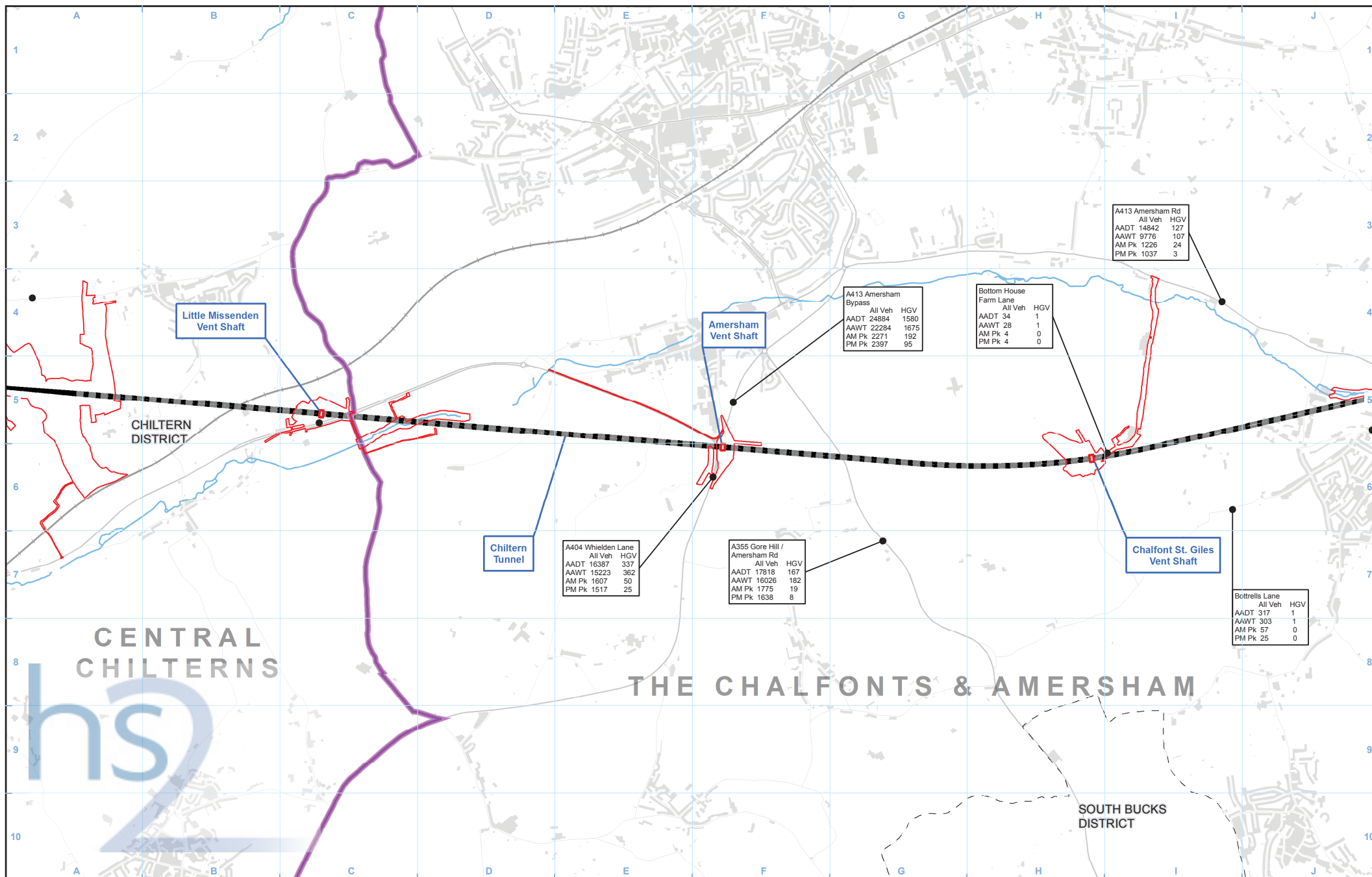
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Date: 22/10/13





Map Name

2012 Baseline Traffic Data

Community Forum Area CFA8:
The Chalfonts & Amersham

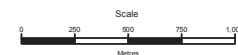


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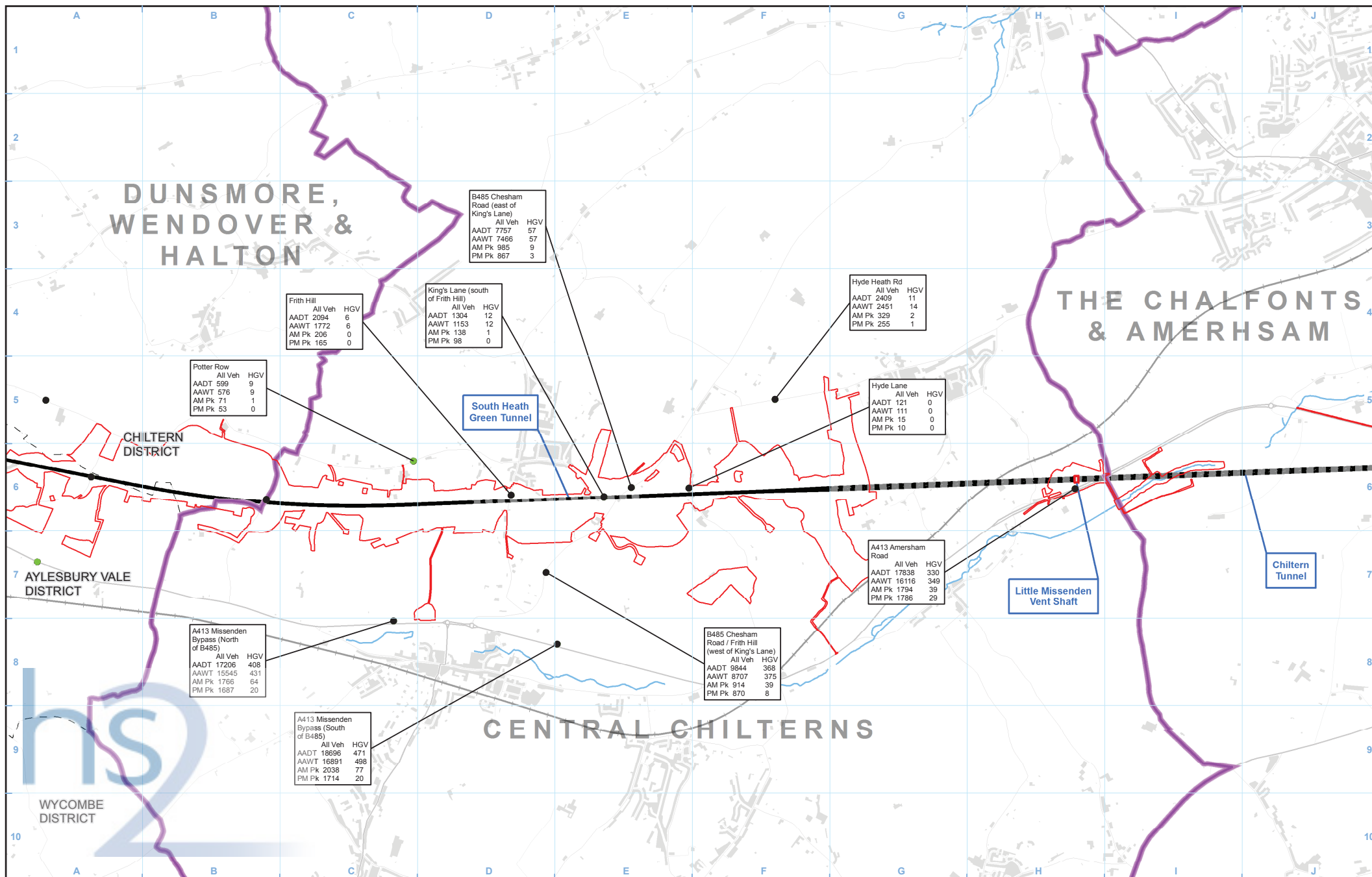
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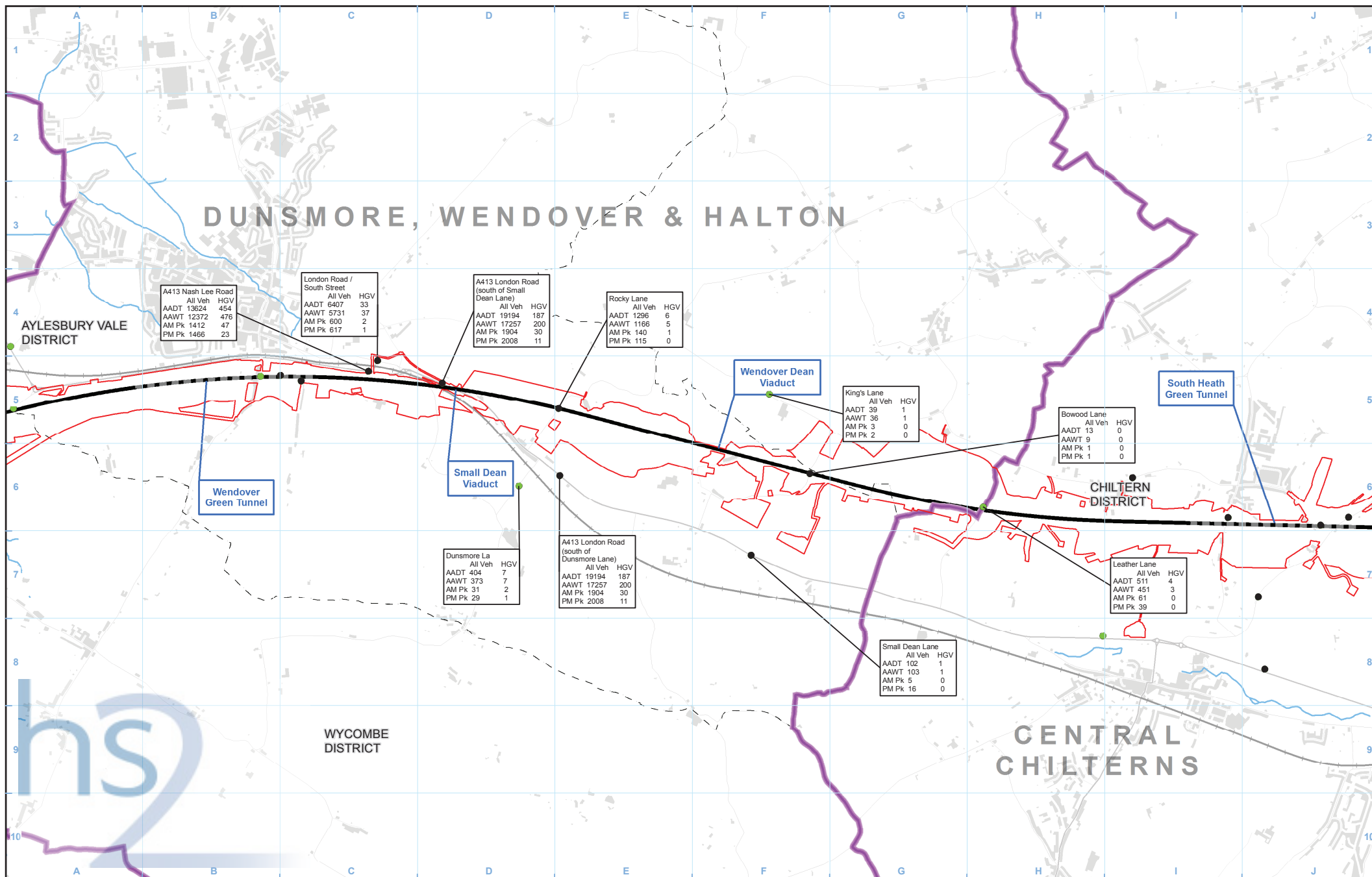
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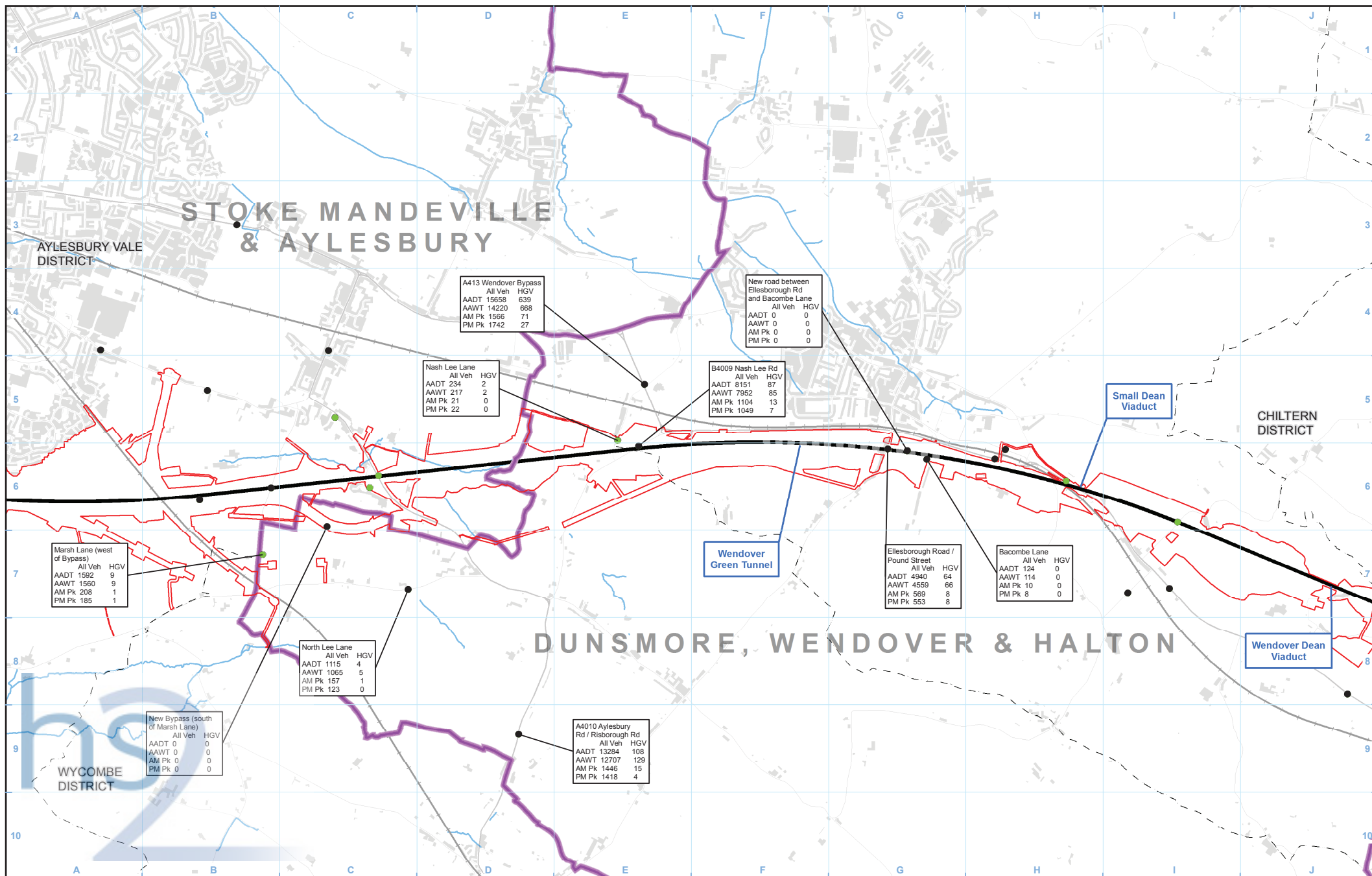
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Map Name
2012 Baseline Traffic Data

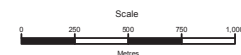
Community Forum Area CFA10:
Dunsmore, Wendover & Halton



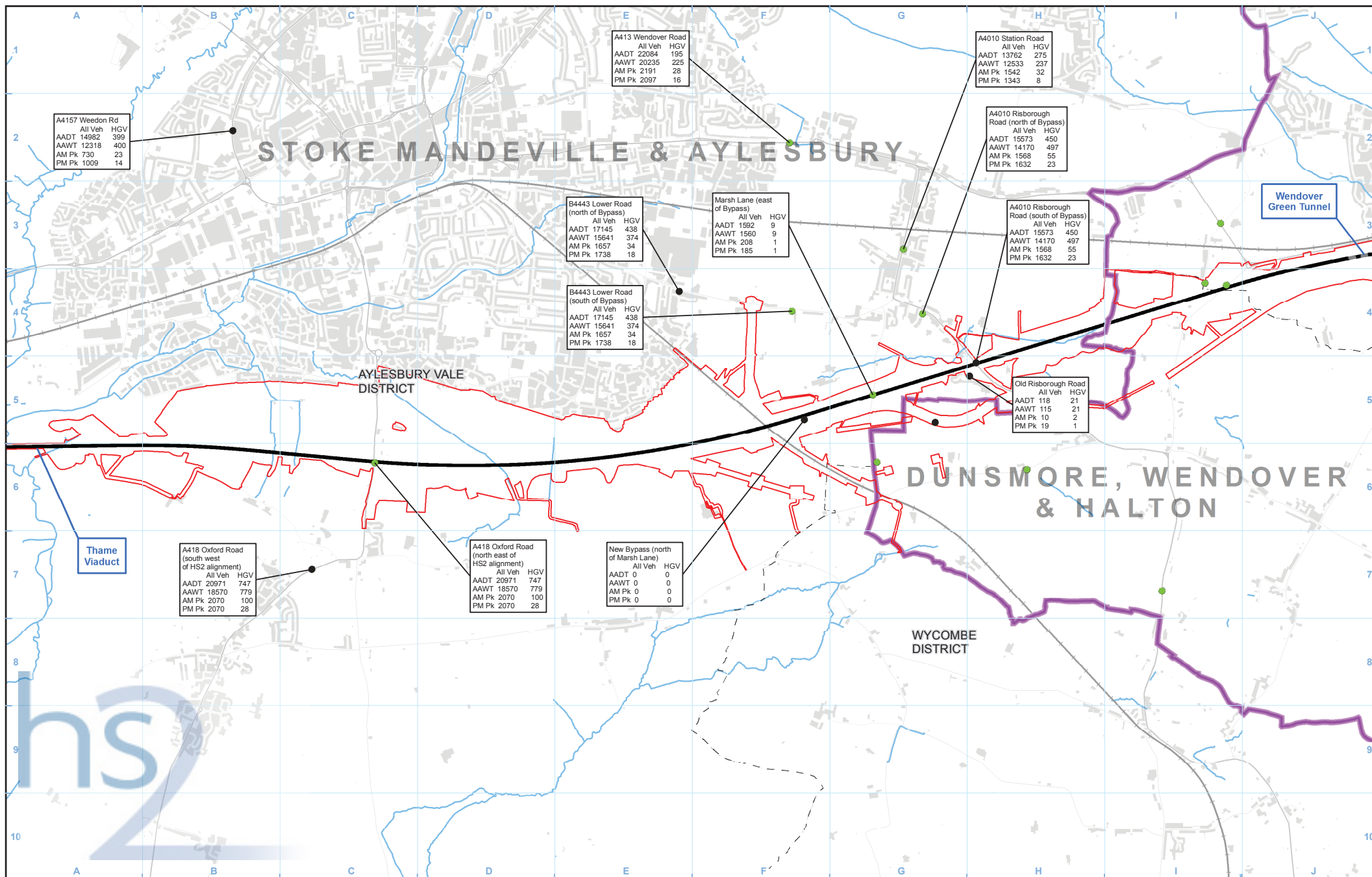
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- Legend**
- Route in tunnel
 - Route on surface
 - Station, depot or vent shaft
 - Land expected to be required for construction
 - Community forum boundary
 - District/Borough boundary
 - County boundary
 - Watercourse
 - Water body
 - Existing rail line
 - Existing Railway Station
 - Traffic Data

AADT - Annual Average Daily Traffic Flow
 AAWT - Annual Average Weekday Traffic Flow
 AM Pk - AM Peak Hour (08:00 - 09:00) Traffic Flow
 PM Pk - PM Peak Hour (17:00 - 18:00) Traffic Flow

Map Name
2012 Baseline Traffic Data

Community Forum Area CFA11:
 Stoke Mandeville & Aylesbury

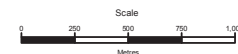


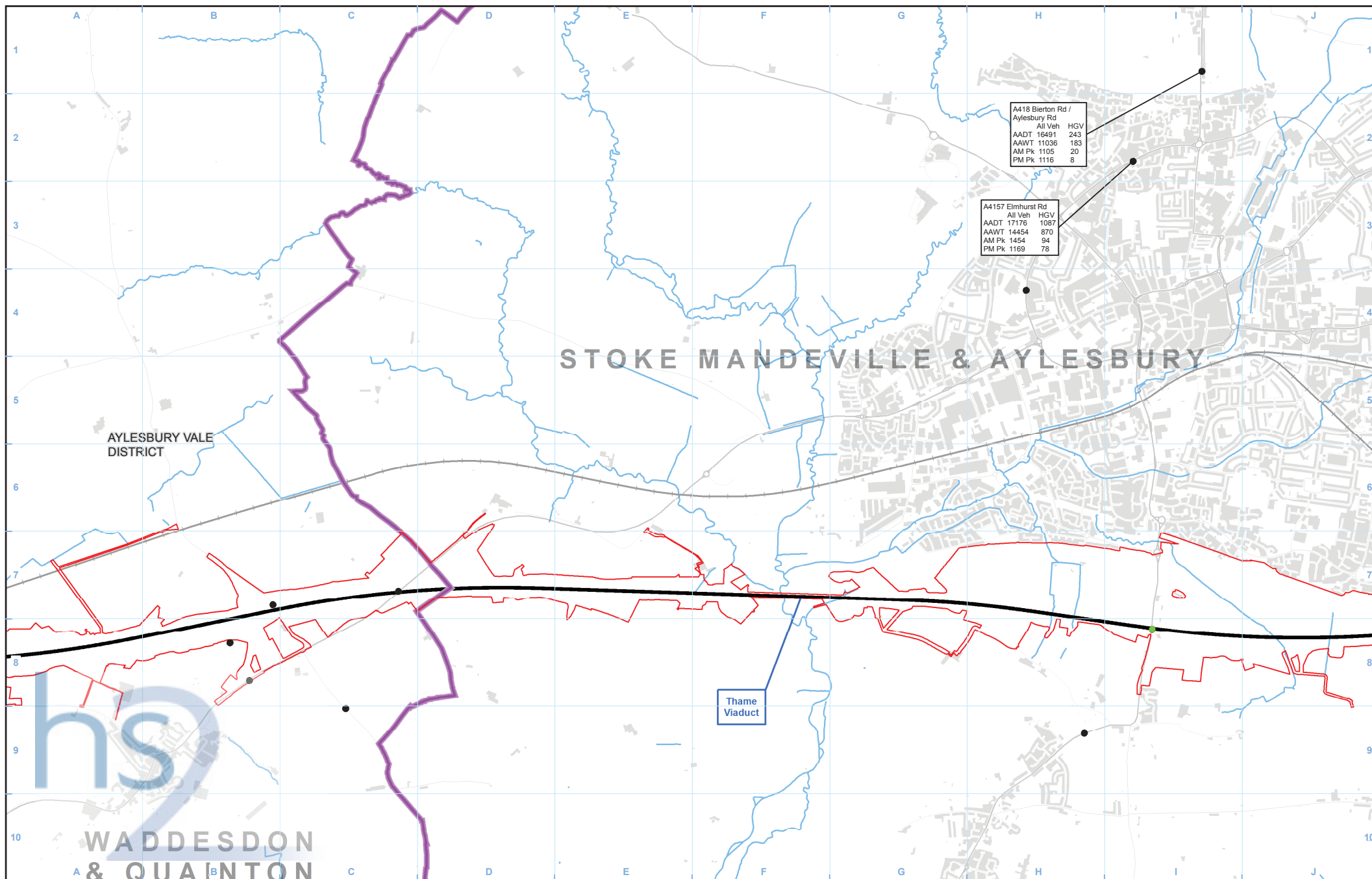
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Date: 22/10/13





- Legend**
- Route in tunnel
 - Route on surface
 - Station, depot or vent shaft
 - Land expected to be required for construction
 - Community forum boundary
 - District/Borough boundary
 - County boundary
 - Watercourse
 - Water body
 - Existing rail line
 - Existing Railway Station
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 AAWT - Annual Average Weekday Traffic Flow
 AM Pk - AM Peak Hour (08:00 - 09:00) Traffic Flow
 PM Pk - PM Peak Hour (17:00 - 18:00) Traffic Flow

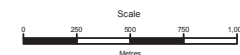
Map Name
2012 Baseline Traffic Data

Community Forum Area CFA11:
 Stoke Mandeville & Aylesbury



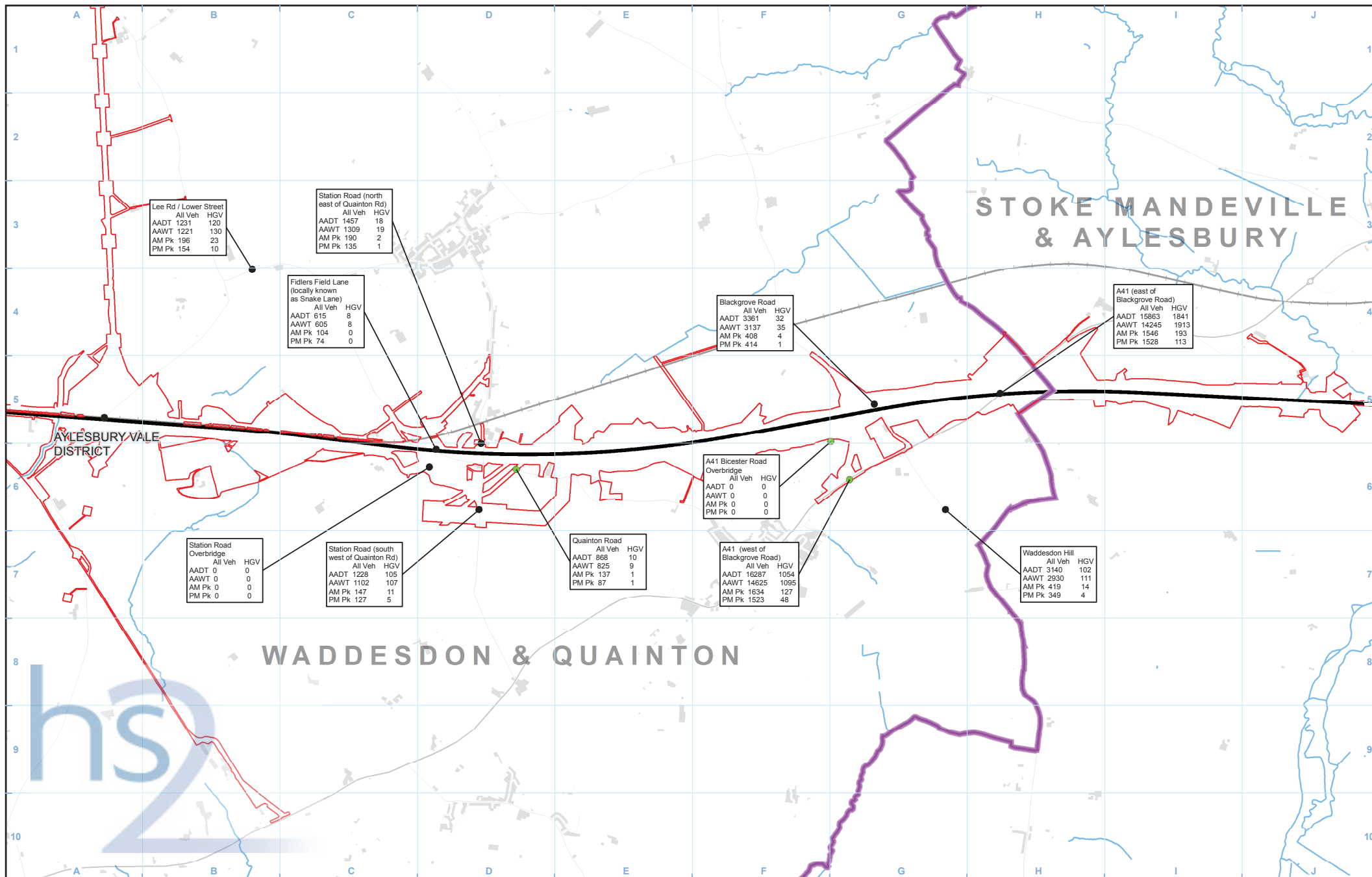
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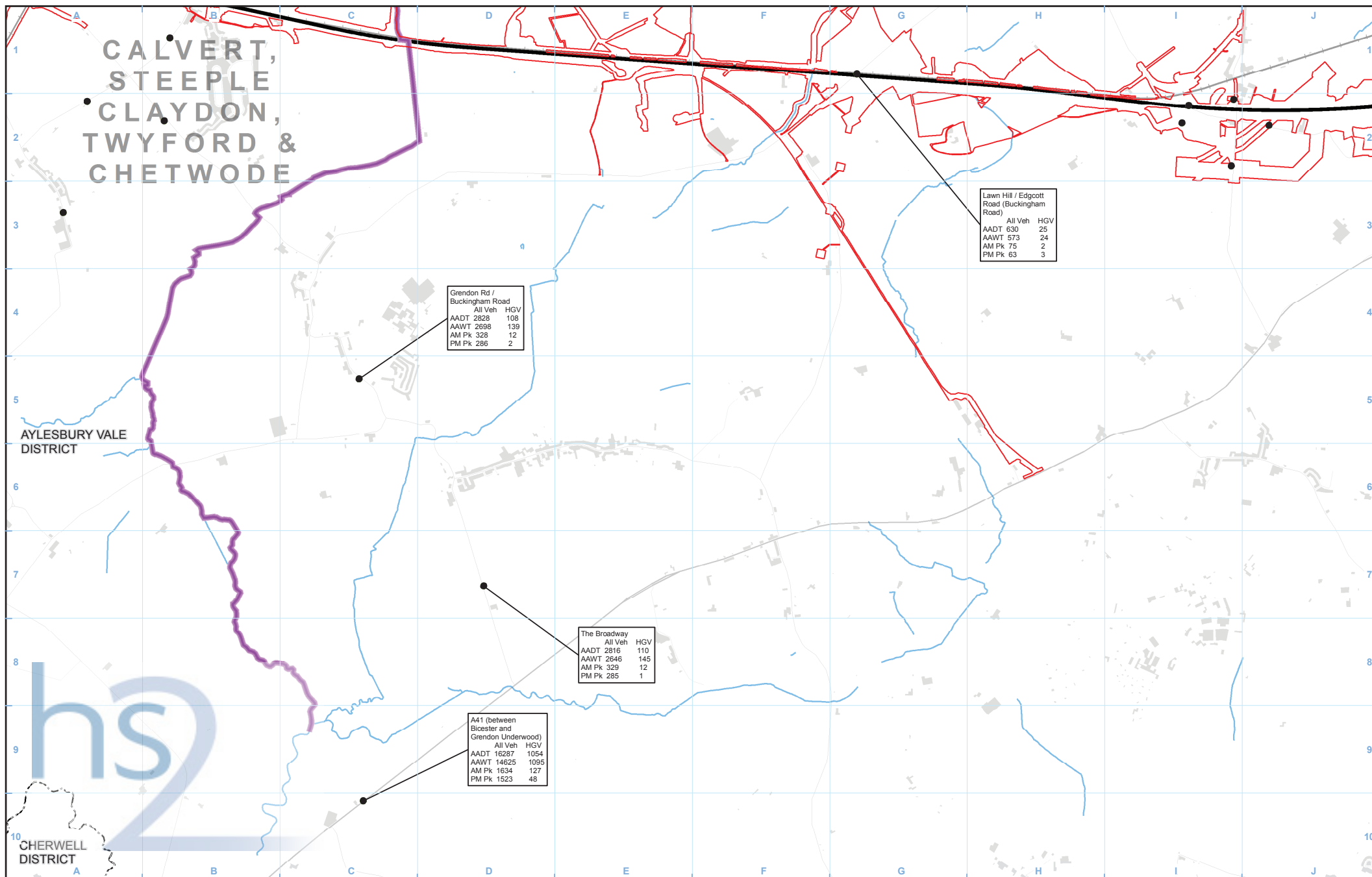


Doc Number: C222-ATK-TM-MAP-020-0210008-P02.00

Date: 22/10/13



<p>Legend</p> <ul style="list-style-type: none"> Route in tunnel Route on surface Station, depot or vent shaft Land expected to be required for construction Community forum boundary District/Borough boundary County boundary 	<ul style="list-style-type: none"> Watercourse Water body Existing rail line Existing Railway Station Traffic Data 	<p>AADT - Annual Average Daily Traffic Flow AAWT - Annual Average Weekday Traffic Flow AM Pk - AM Peak Hour (08:00 - 09:00) Traffic Flow PM Pk - PM Peak Hour (17:00 - 18:00) Traffic Flow</p>	<p>Map Name 2012 Baseline Traffic Data</p> <p>Community Forum Area CFA12: Waddesdon & Quainton</p>	<p>hs2</p> <p>HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</p> <p>Registered in England. Registration number 08791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.</p> <p>© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.</p> <p>Doc Number: C222-ATK-TM-MAP-020-0210009-P02.00</p> <p>Date: 22/10/13</p>
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Grendon Rd /
Buckingham Road

All Veh	HGV
AADT 2828	108
AAWT 2698	139
AM Pk 328	12
PM Pk 286	2

Lawn Hill / Edgcott
Road (Buckingham
Road)

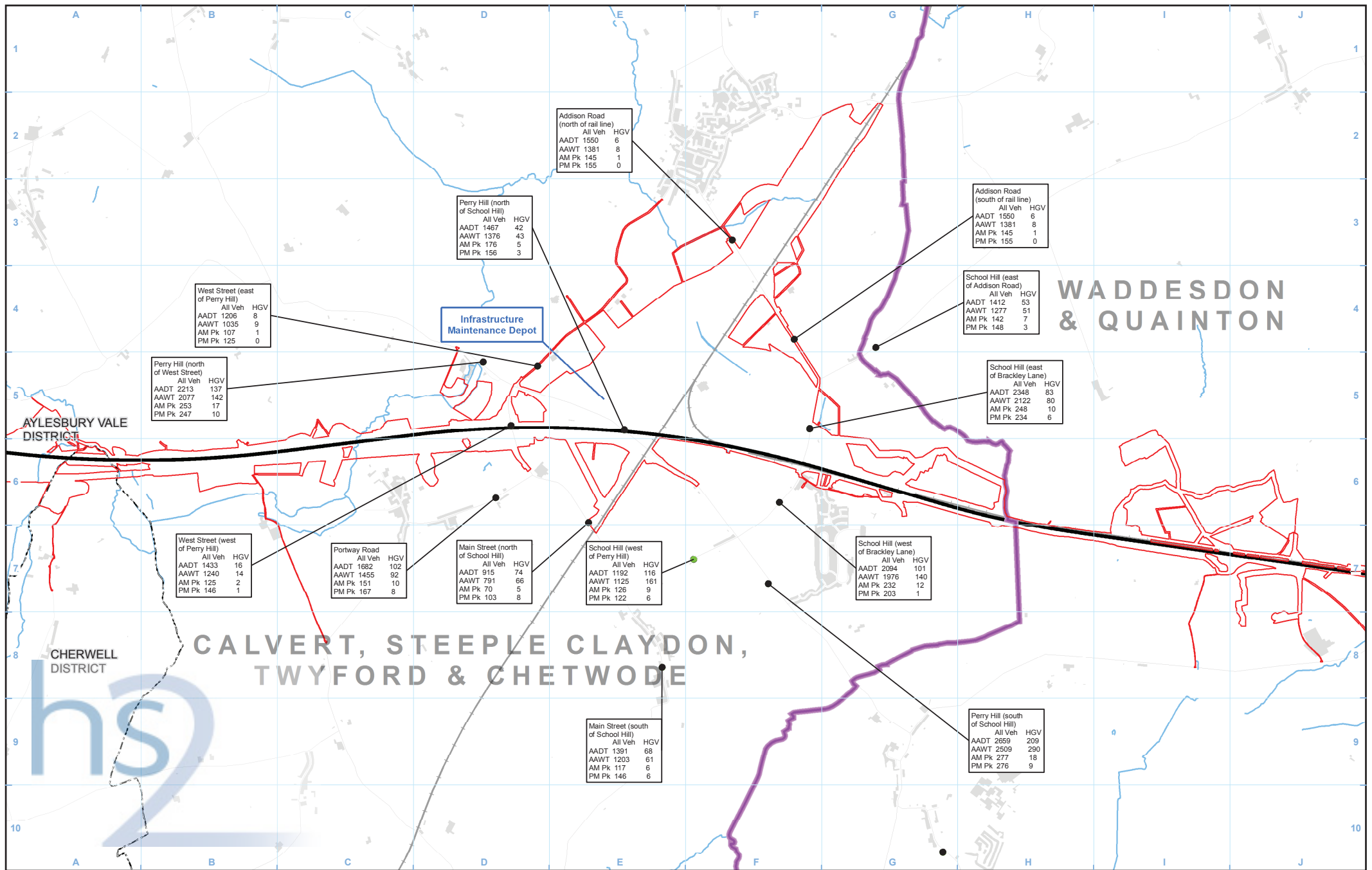
All Veh	HGV
AADT 630	25
AAWT 573	24
AM Pk 75	2
PM Pk 63	3

The Broadway

All Veh	HGV
AADT 2816	110
AAWT 2646	145
AM Pk 329	12
PM Pk 285	1

A41 (between
Bicester and
Grendon Underwood)

All Veh	HGV
AADT 16287	1054
AAWT 14625	1095
AM Pk 1634	127
PM Pk 1523	48



Legend

- Route in tunnel
- Route on surface
- Station, depot or vent shaft
- Land expected to be required for construction
- Community forum boundary
- District/Borough boundary
- County boundary
- Watercourse
- Water body
- Existing rail line
- Existing Railway Station
- Traffic Data

AADT - Annual Average Daily Traffic Flow
AAWT - Annual Average Weekday Traffic Flow
AM Pk - AM Peak Hour (08:00 - 09:00) Traffic Flow
PM Pk - PM Peak Hour (17:00 - 18:00) Traffic Flow

Map Name
2012 Baseline Traffic Data

Community Forum Area CFA13:
Calvert, Steeple Claydon, Twyford & Chetwode

hs2

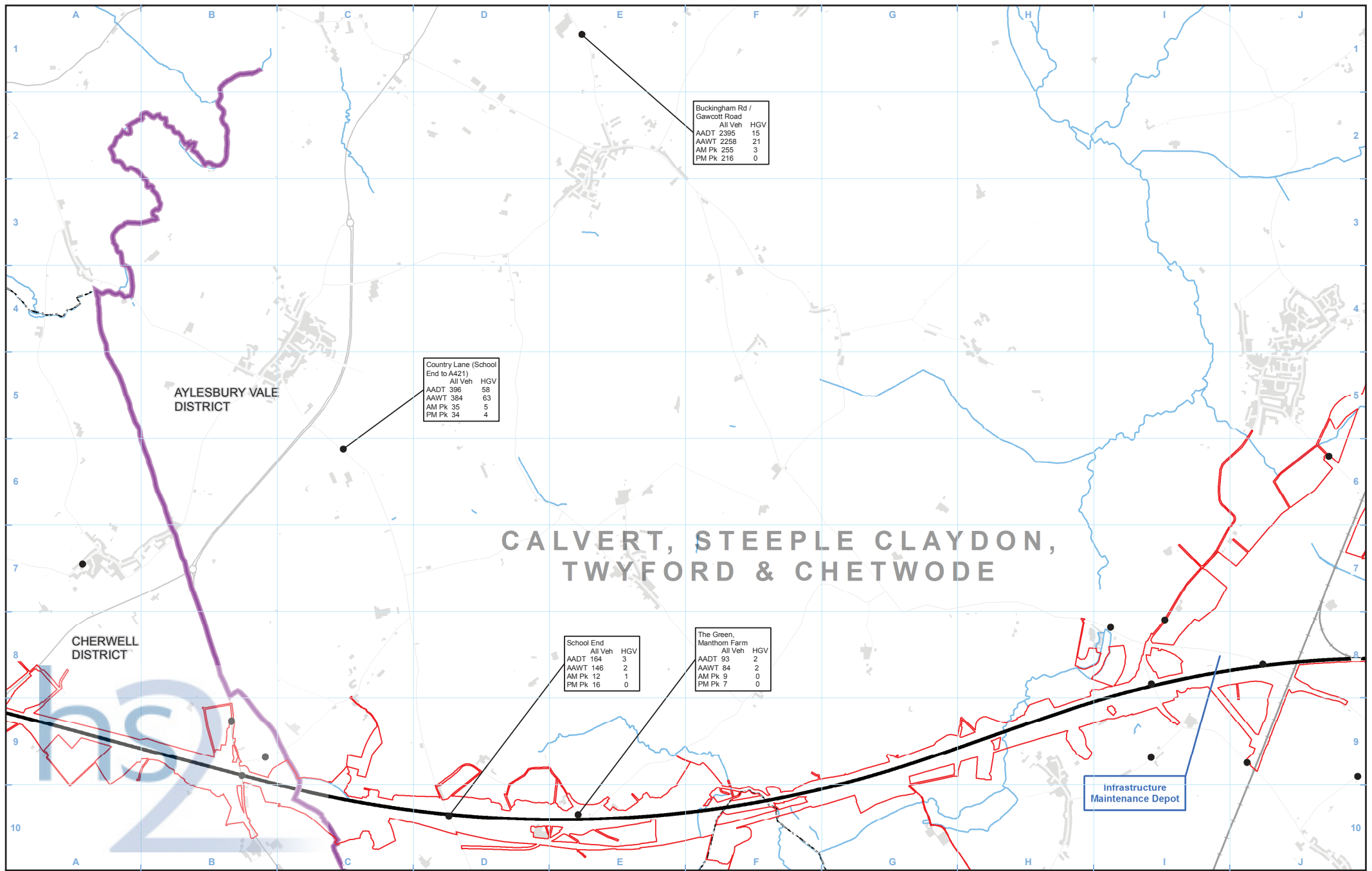
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Buckingham Rd / Gawcott Road			
All Veh	HGV		
AADT	2395	15	
AAWT	2258	21	
AM Pk	255	3	
PM Pk	216	0	

Country Lane (School End to A421)			
All Veh	HGV		
AADT	396	58	
AAWT	384	63	
AM Pk	35	5	
PM Pk	34	4	

School End			
All Veh	HGV		
AADT	164	3	
AAWT	146	2	
AM Pk	12	1	
PM Pk	16	0	

The Green, Manthorn Farm			
All Veh	HGV		
AADT	93	2	
AAWT	84	2	
AM Pk	9	0	
PM Pk	7	0	

- Legend**
- Route in tunnel
 - Route on surface
 - Station, depot or vent shaft
 - Land expected to be required for construction
 - Community forum boundary
 - District/Borough boundary
 - County boundary
 - Watercourse
 - Water body
 - Existing rail line
 - Existing Railway Station
 - Traffic Data

AADT - Annual Average Daily Traffic Flow
AAWT - Annual Average Weekday Traffic Flow
AM Pk - AM Peak Hour (08:00 - 09:00) Traffic Flow
PM Pk - PM Peak Hour (17:00 - 18:00) Traffic Flow

Map Name
2012 Baseline Traffic Data

Community Forum Area CFA13:
Calvert, Steeple Claydon, Twyford & Chetwode

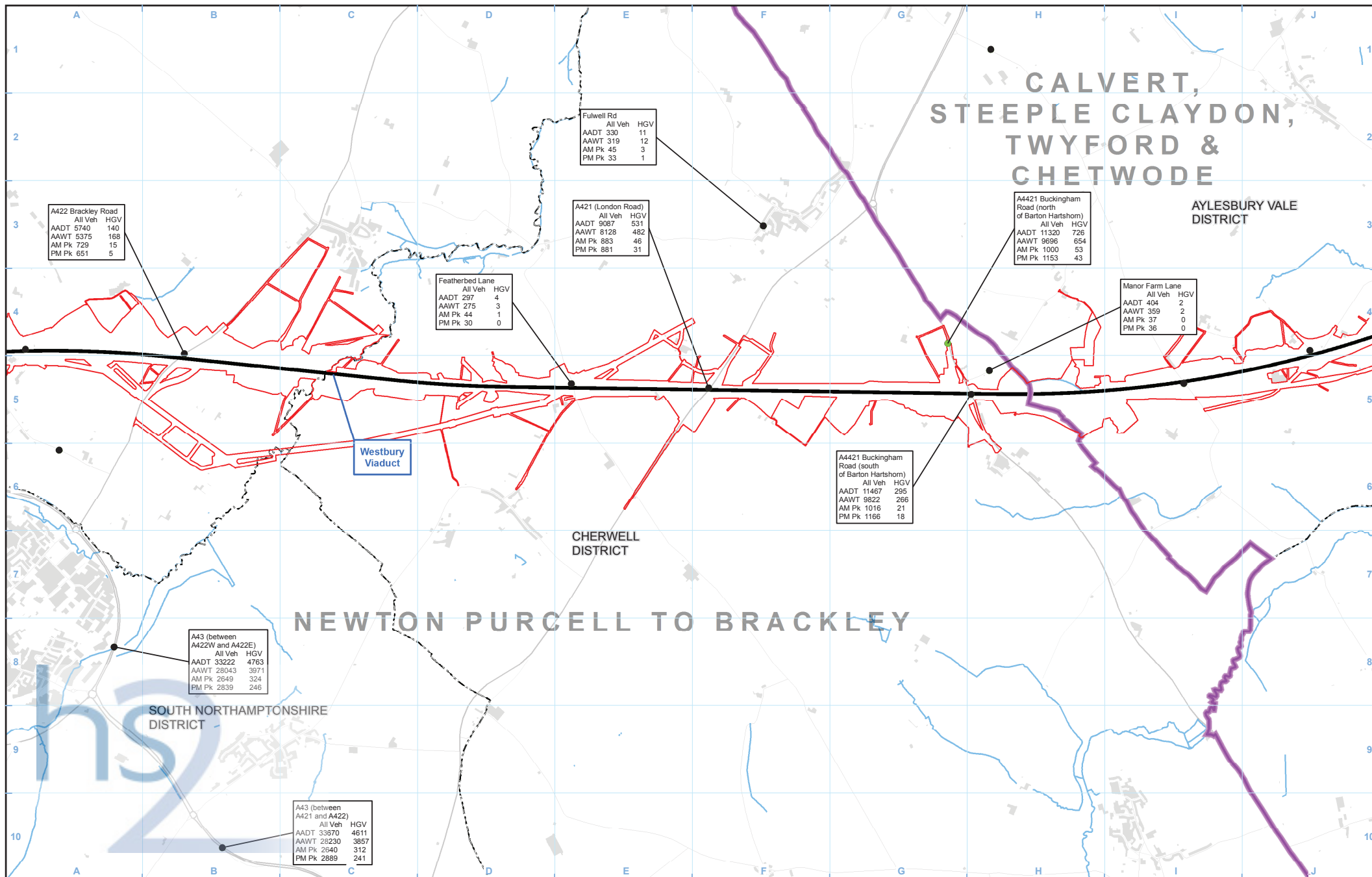
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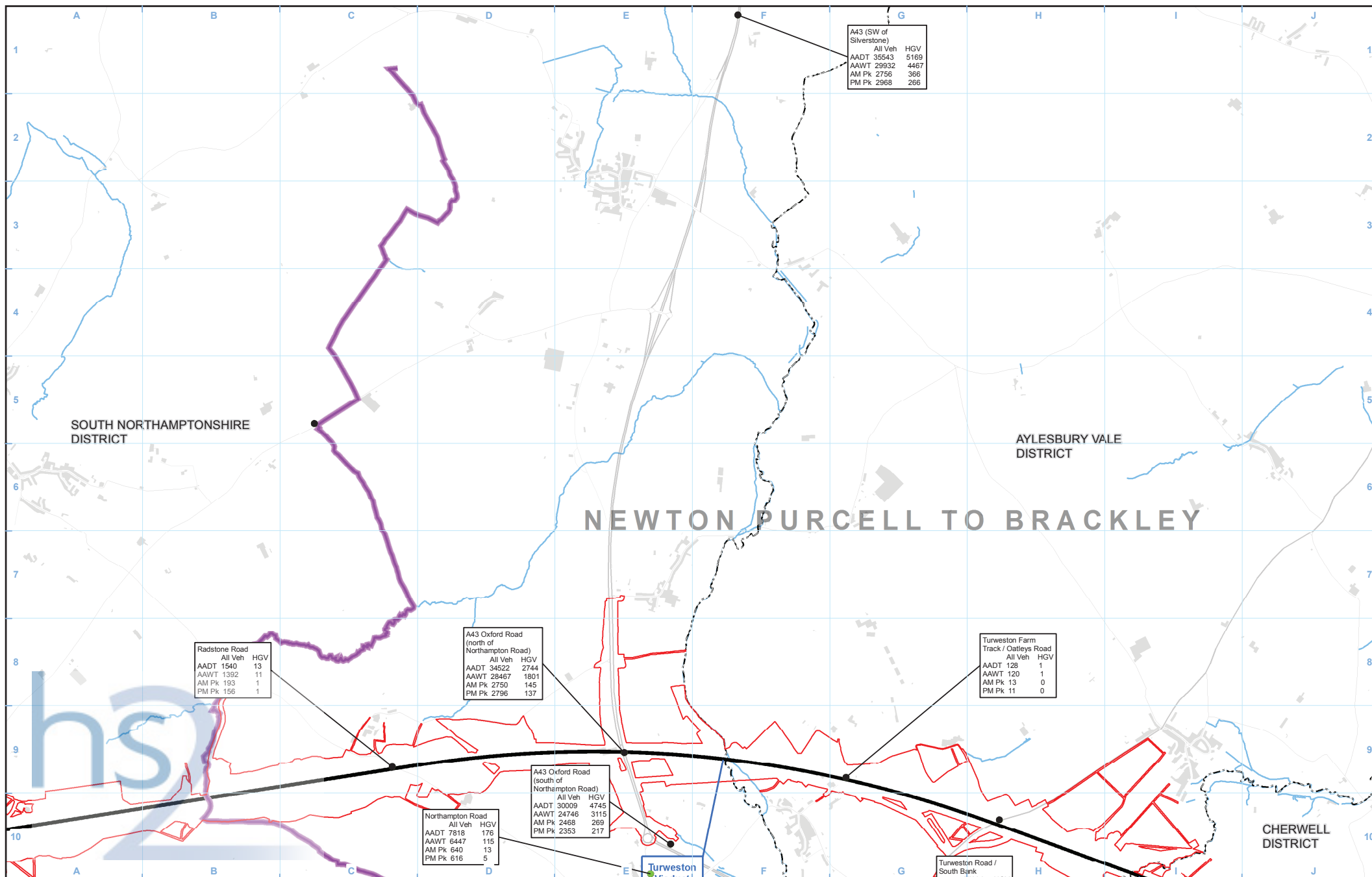
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Scale
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Metres

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Date: 22/10/13





- Legend**
- Route in tunnel
 - Route on surface
 - Station, depot or vent shaft
 - Land expected to be required for construction
 - Community forum boundary
 - District/Borough boundary
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AADT - Annual Average Daily Traffic Flow
 AAWT - Annual Average Weekday Traffic Flow
 AM Pk - AM Peak Hour (08:00 - 09:00) Traffic Flow
 PM Pk - PM Peak Hour (17:00 - 18:00) Traffic Flow

Map Name
2012 Baseline Traffic Data

Community Forum Area CFA14:
 Newton Purcell to Brackley



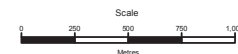
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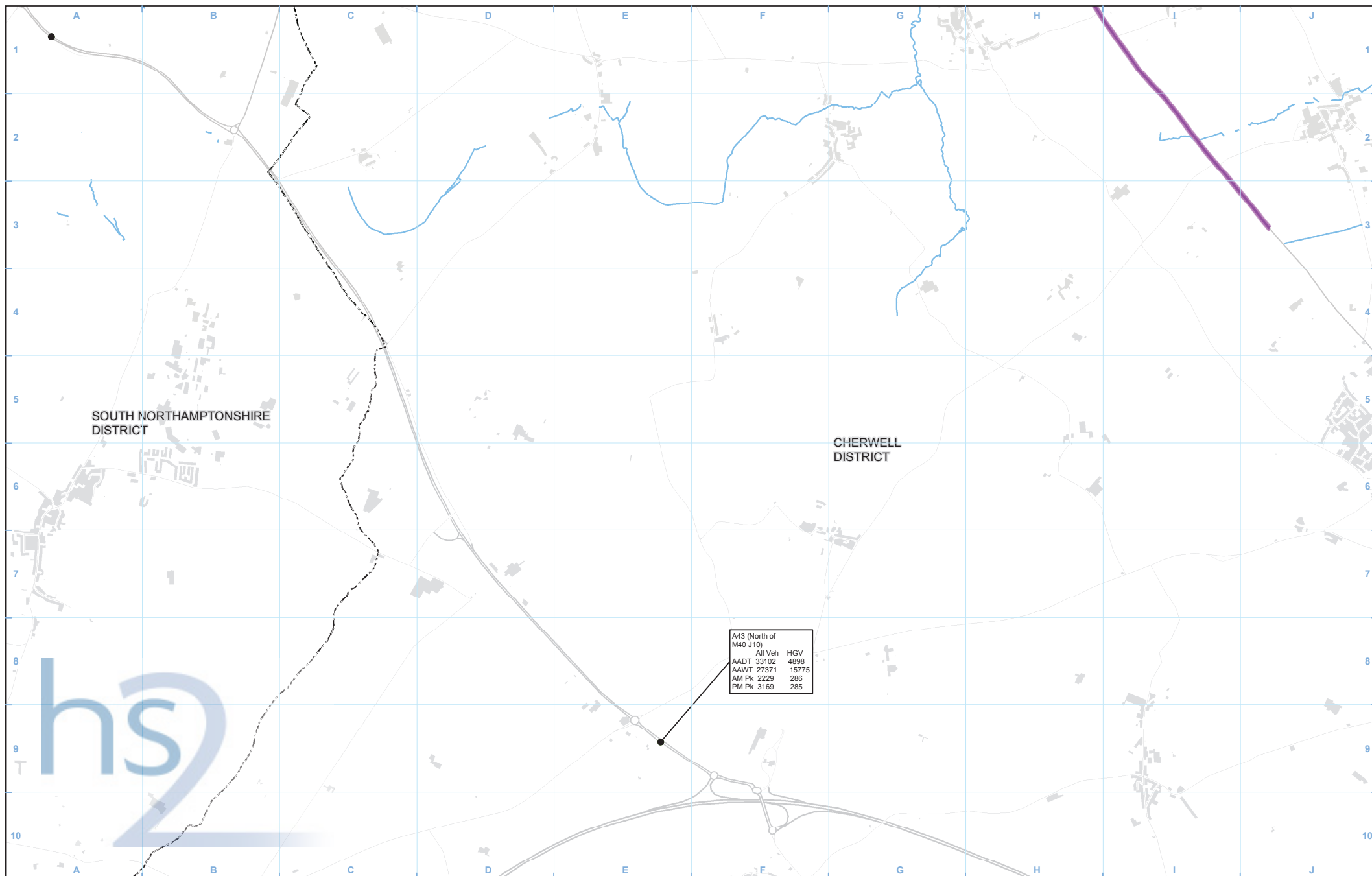
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Legend

- Route in tunnel
- Route on surface
- Station, depot or vent shaft
- Land expected to be required for construction
- Community forum boundary
- District/Borough boundary
- County boundary
- Watercourse
- Water body
- Existing rail line
- Existing Railway Station
- Traffic Data

AAWT - Annual Average Daily Traffic Flow
 AAWT - Annual Average Weekday Traffic Flow
 AM Pk - AM Peak Hour (08:00 - 09:00) Traffic Flow
 PM Pk - PM Peak Hour (17:00 - 18:00) Traffic Flow

Map Name

2012 Baseline Traffic Data

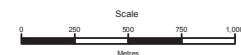
Community Forum Area CFA14:
 Newton Purcell to Brackley



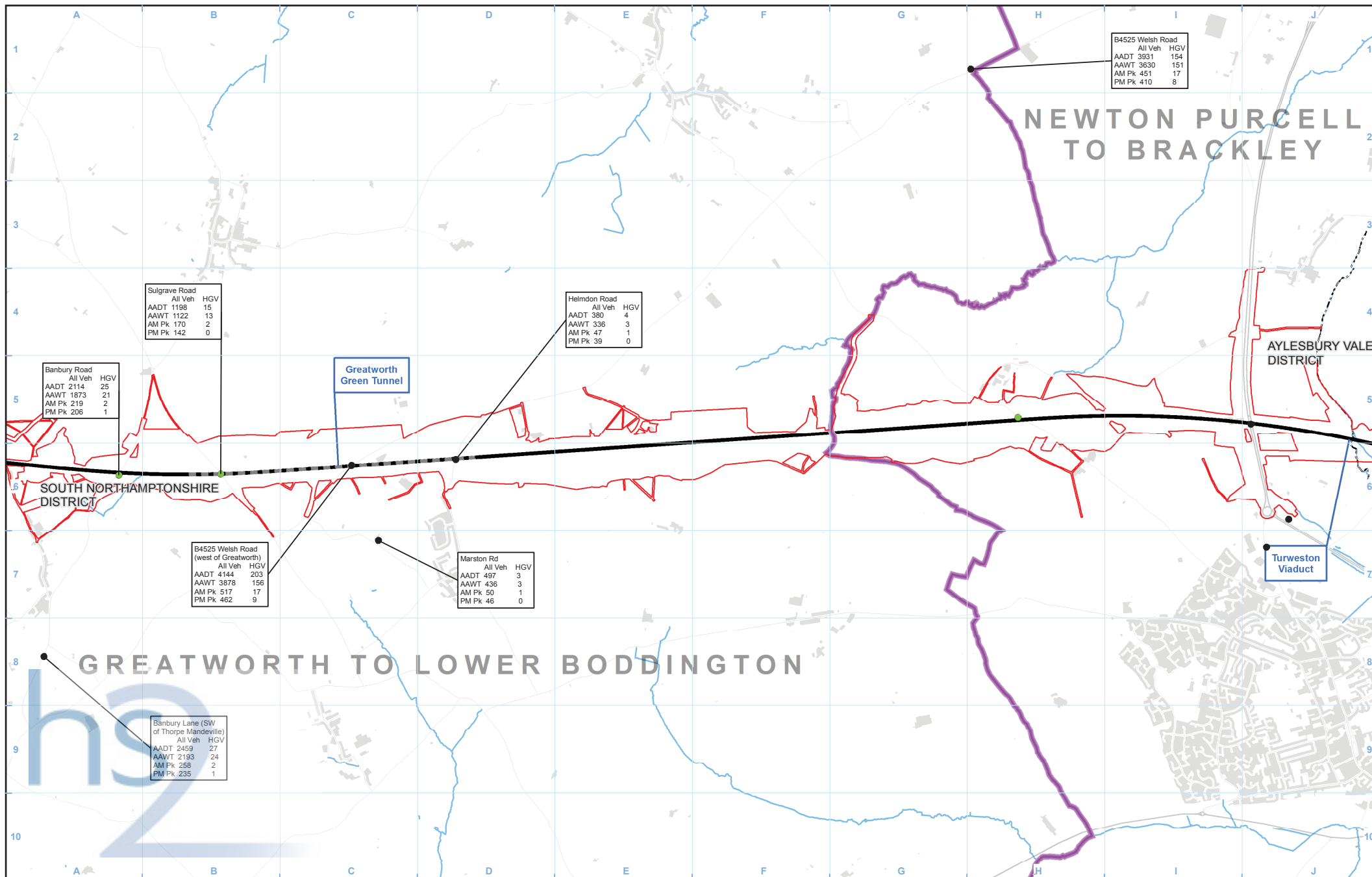
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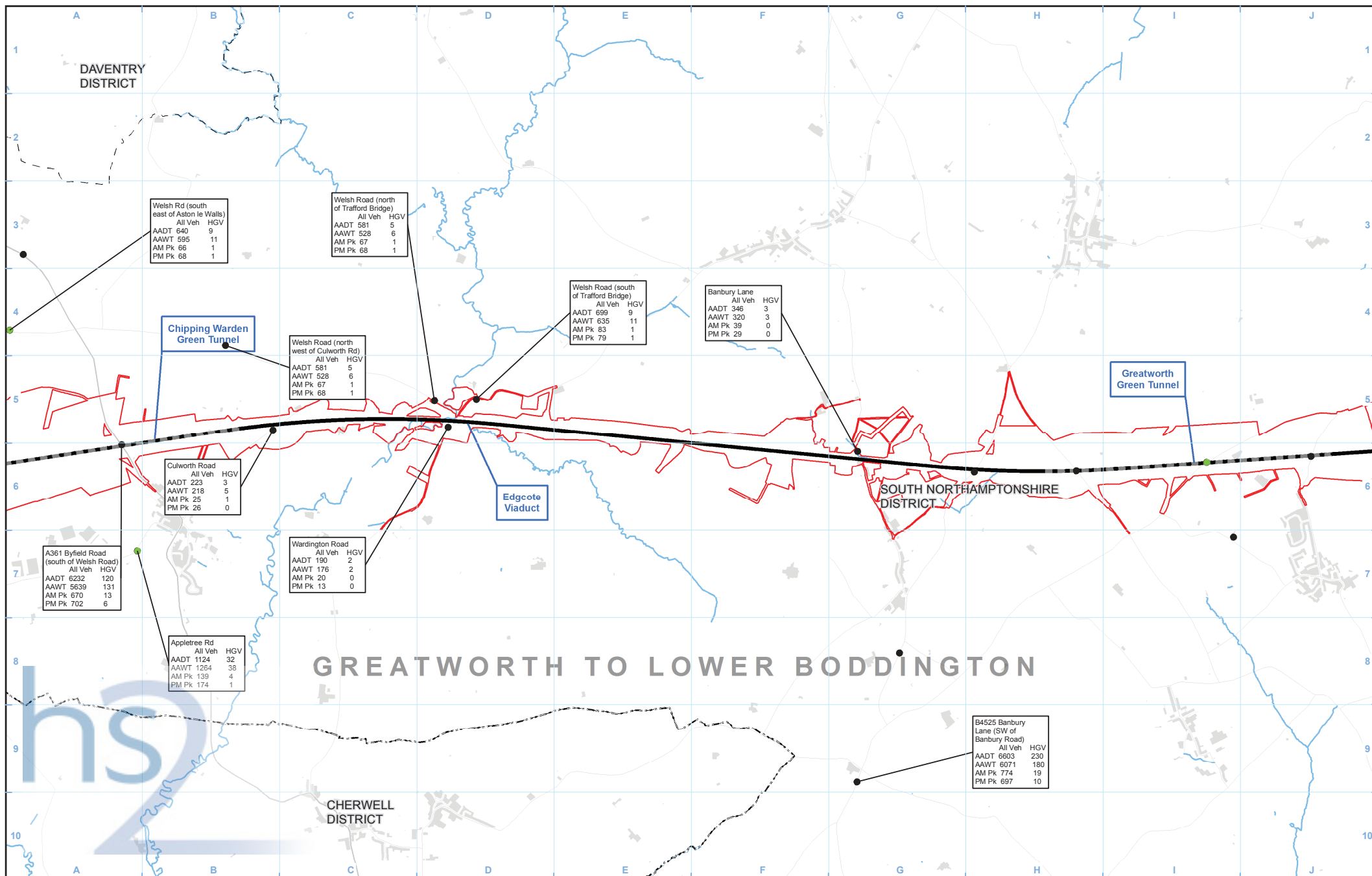
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Date: 22/10/13





Legend

AADT - Annual Average Daily Traffic Flow
 AAWT - Annual Average Weekday Traffic Flow
 AM Pk - AM Peak Hour (08:00 - 09:00) Traffic Flow
 PM Pk - PM Peak Hour (17:00 - 18:00) Traffic Flow

Map Name
2012 Baseline Traffic Data

Community Forum Area CFA15:
 Greatworth to Lower Boddington

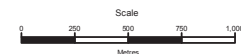


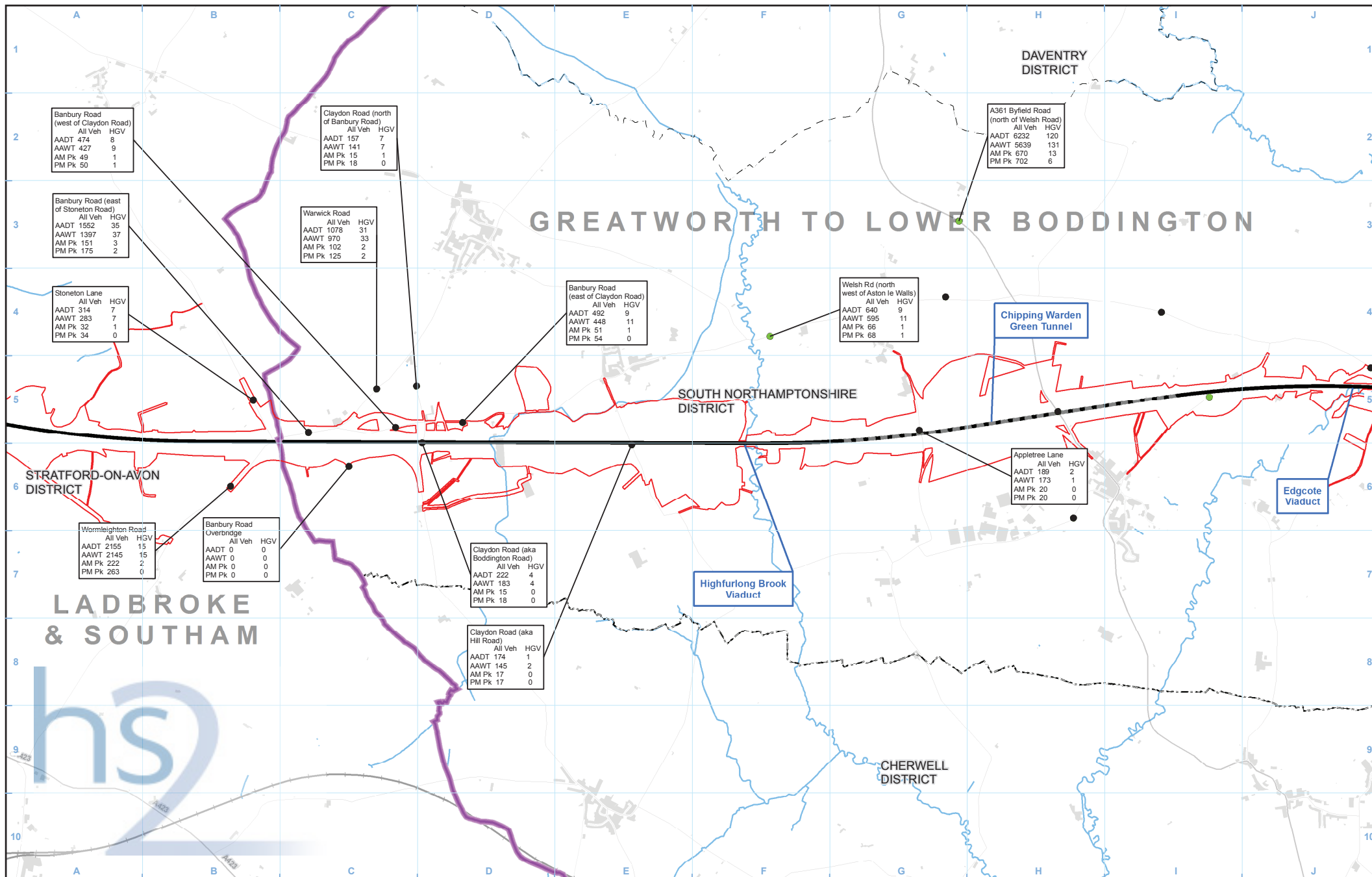
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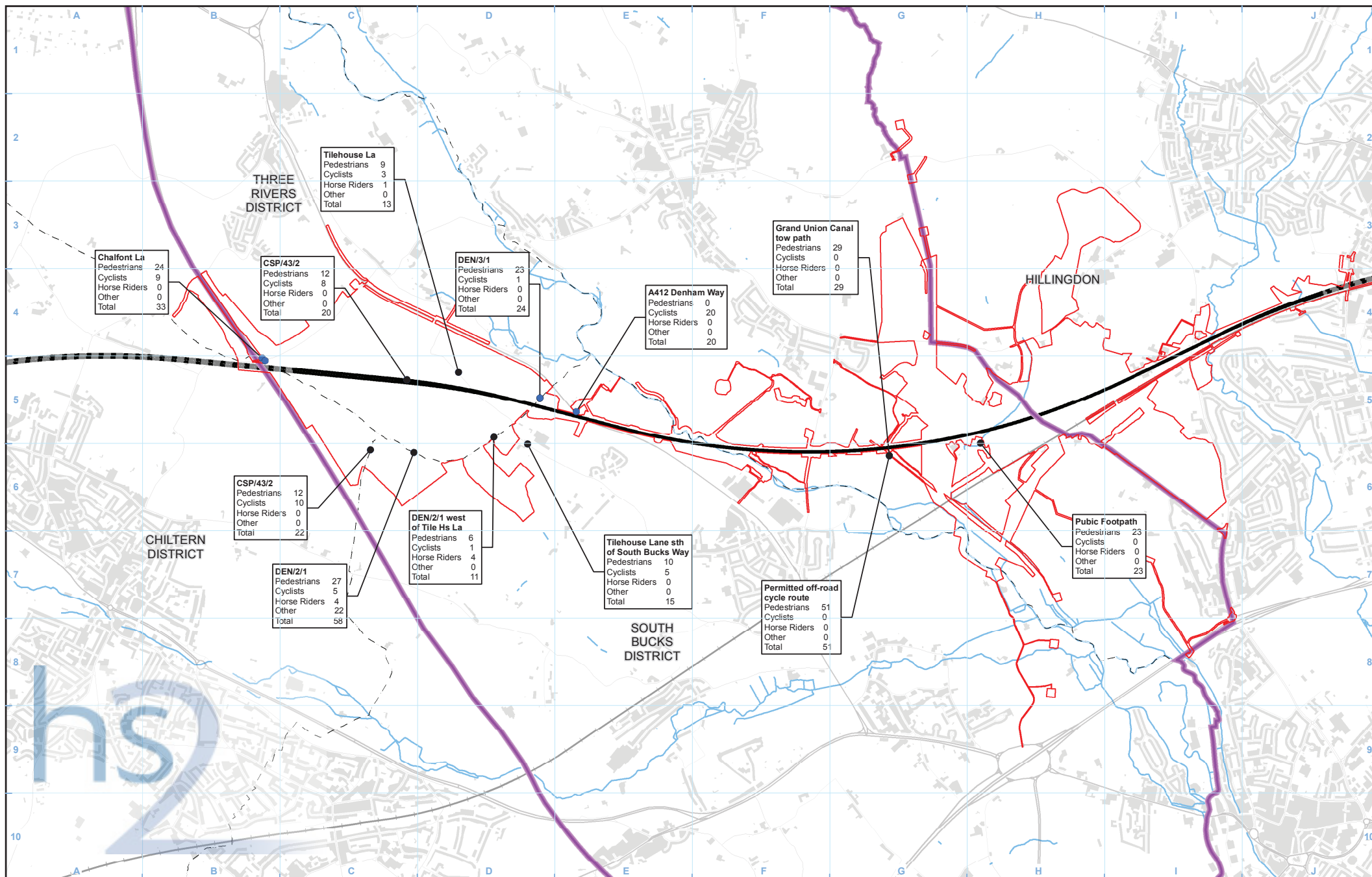
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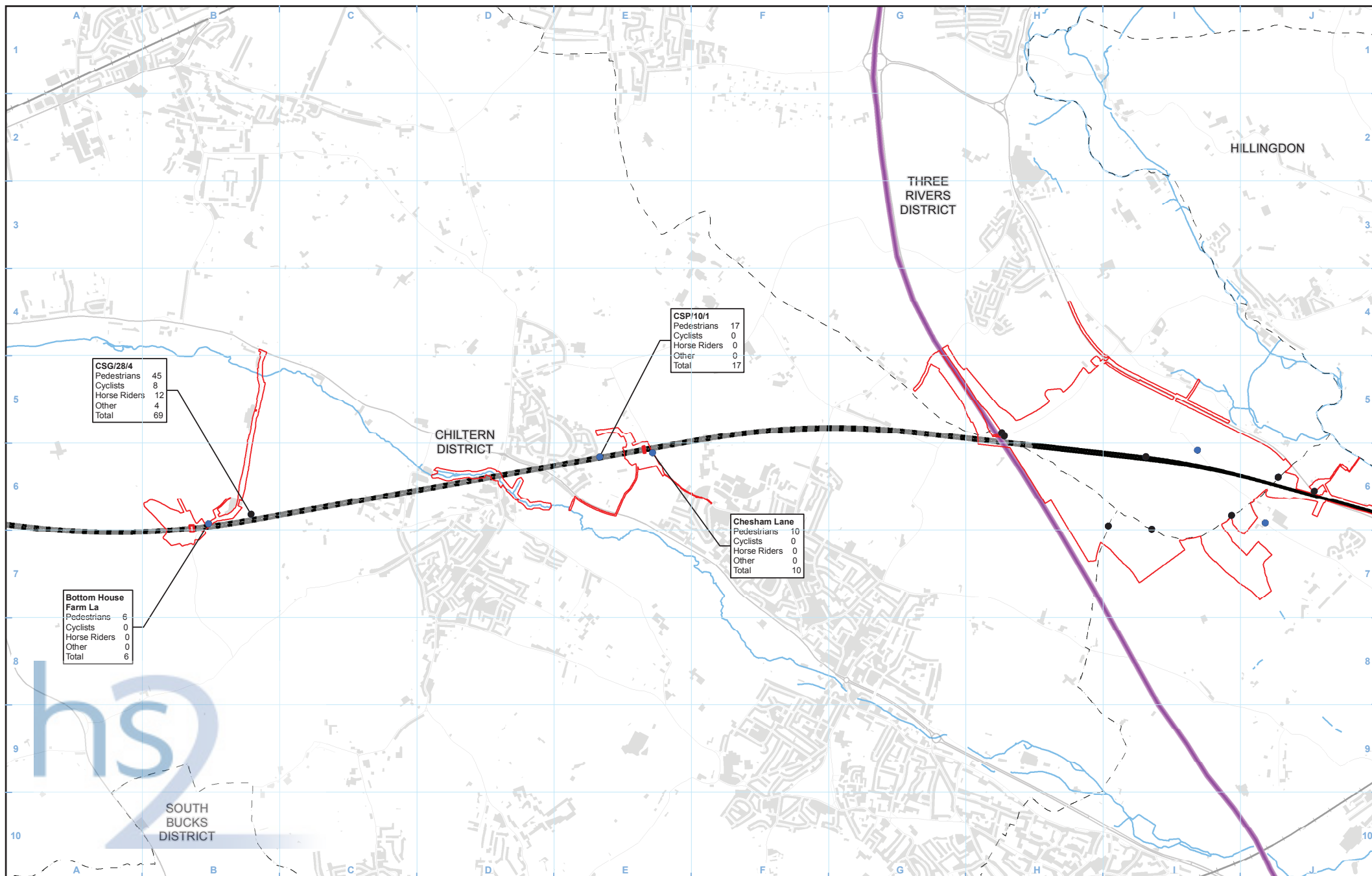


Appendix C – summary public right of way usage maps



	Route in tunnel		Watercourse
	Route on surface		Water body
	Station, depot or vent shaft		Existing rail line
	Land expected to be required for construction		Existing Railway Station
	Community forum boundary		PRoW
	District/Borough boundary		
	County boundary		

Map Name	PRoW Usage
Community Forum Area CFA7:	Colne Valley
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	Route in tunnel		Watercourse
	Route on surface		Water body
	Station, depot or vent shaft		Existing rail line
	Land expected to be required for construction		Existing Railway Station
	Community forum boundary		PRoW
	District/Borough boundary		
	County boundary		

Map Name

PRoW Usage

Community Forum Area CFA8:
The Chalfonts & Amersham

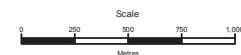


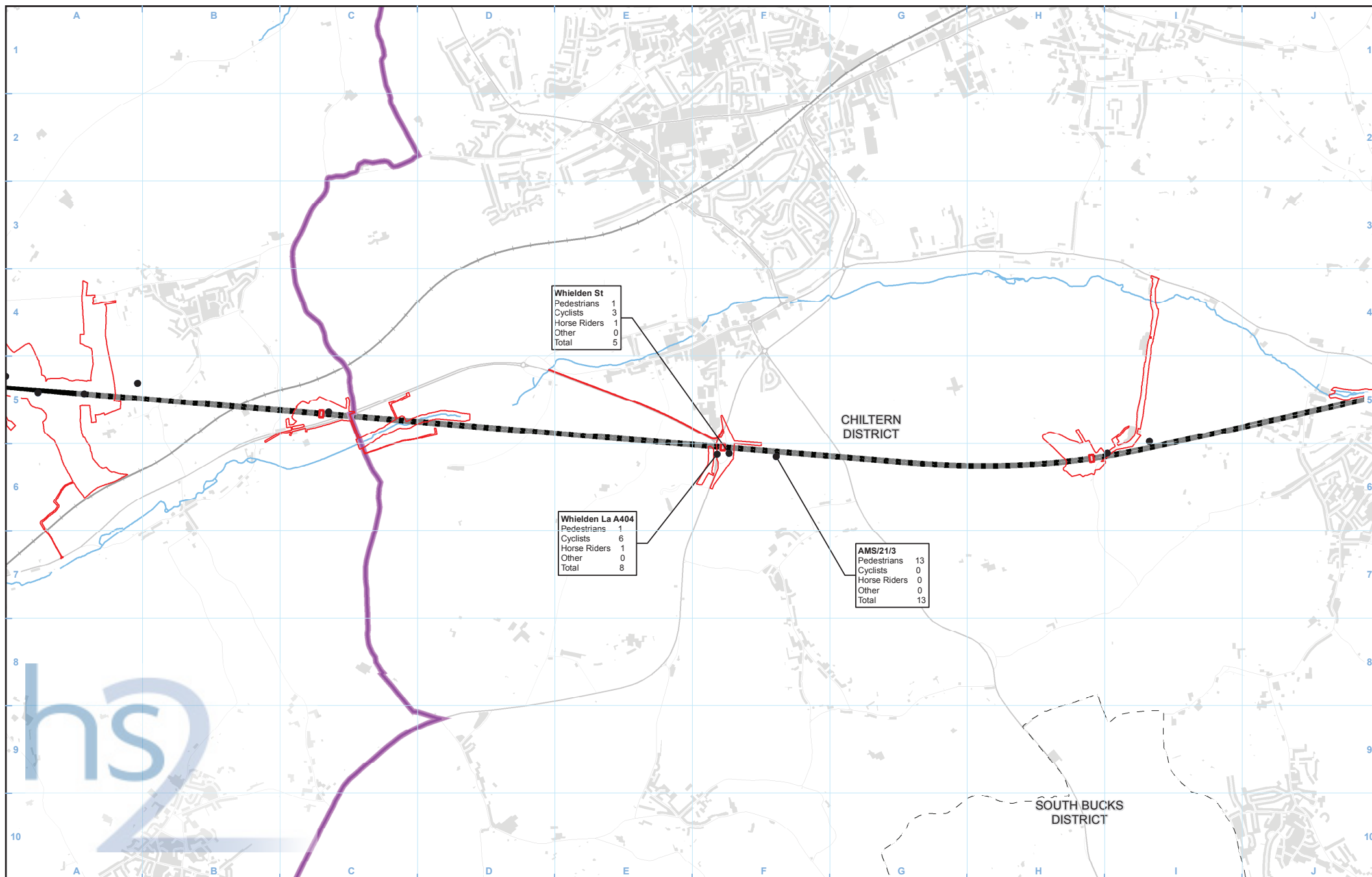
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Date: 22/10/13





Whielden St	
Pedestrians	1
Cyclists	3
Horse Riders	1
Other	0
Total	5

Whielden La A404	
Pedestrians	1
Cyclists	6
Horse Riders	1
Other	0
Total	8

AMS/21/3	
Pedestrians	13
Cyclists	0
Horse Riders	0
Other	0
Total	13

- Legend**
- Route in tunnel
 - Route on surface
 - Station, depot or vent shaft
 - Land expected to be required for construction
 - Community forum boundary
 - District/Borough boundary
 - County boundary
 - Watercourse
 - Water body
 - Existing rail line
 - Existing Railway Station
 - PRoW

Map Name

PRoW Usage

Community Forum Area CFA8:
The Chalfonts & Amersham

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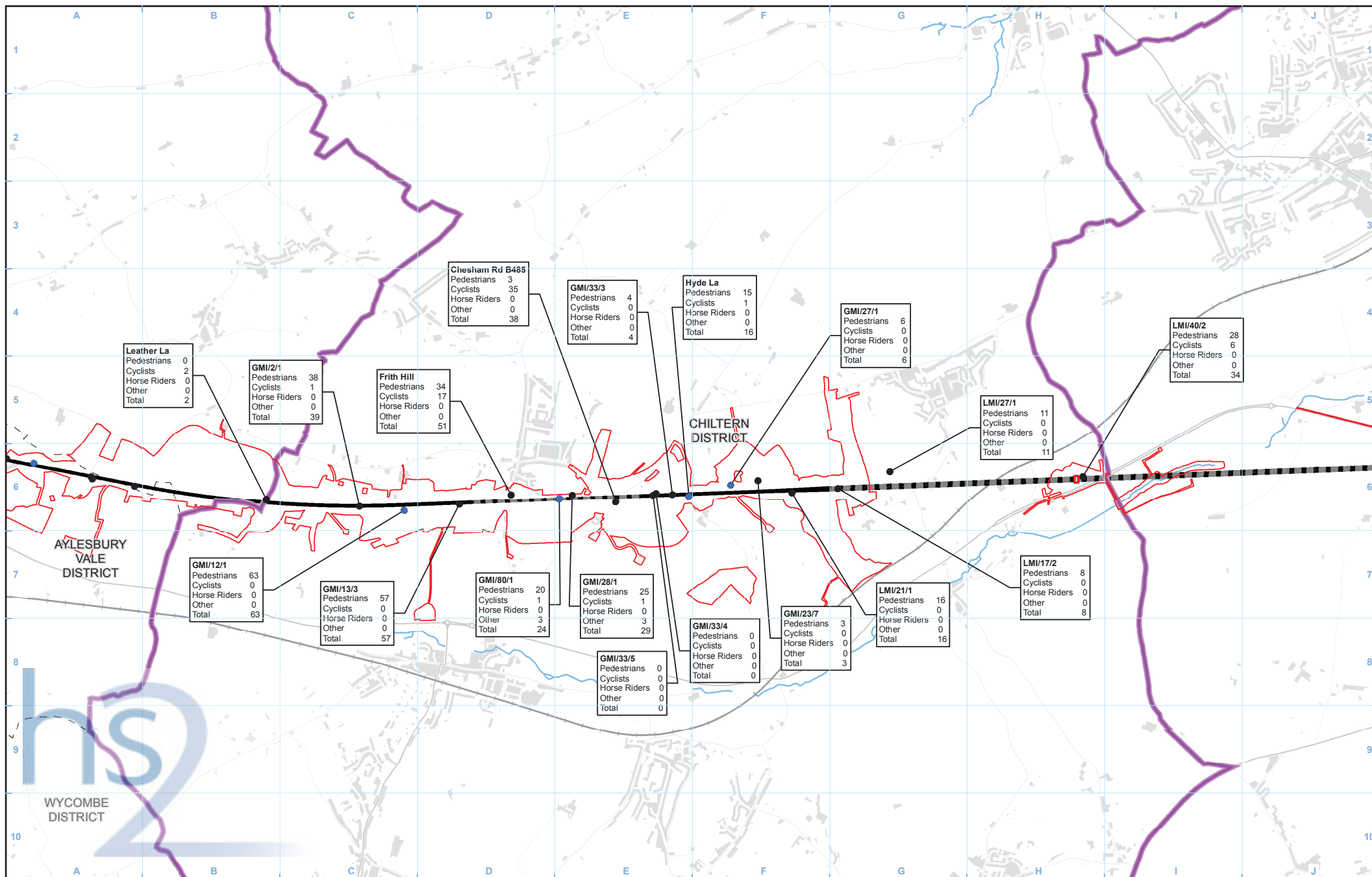
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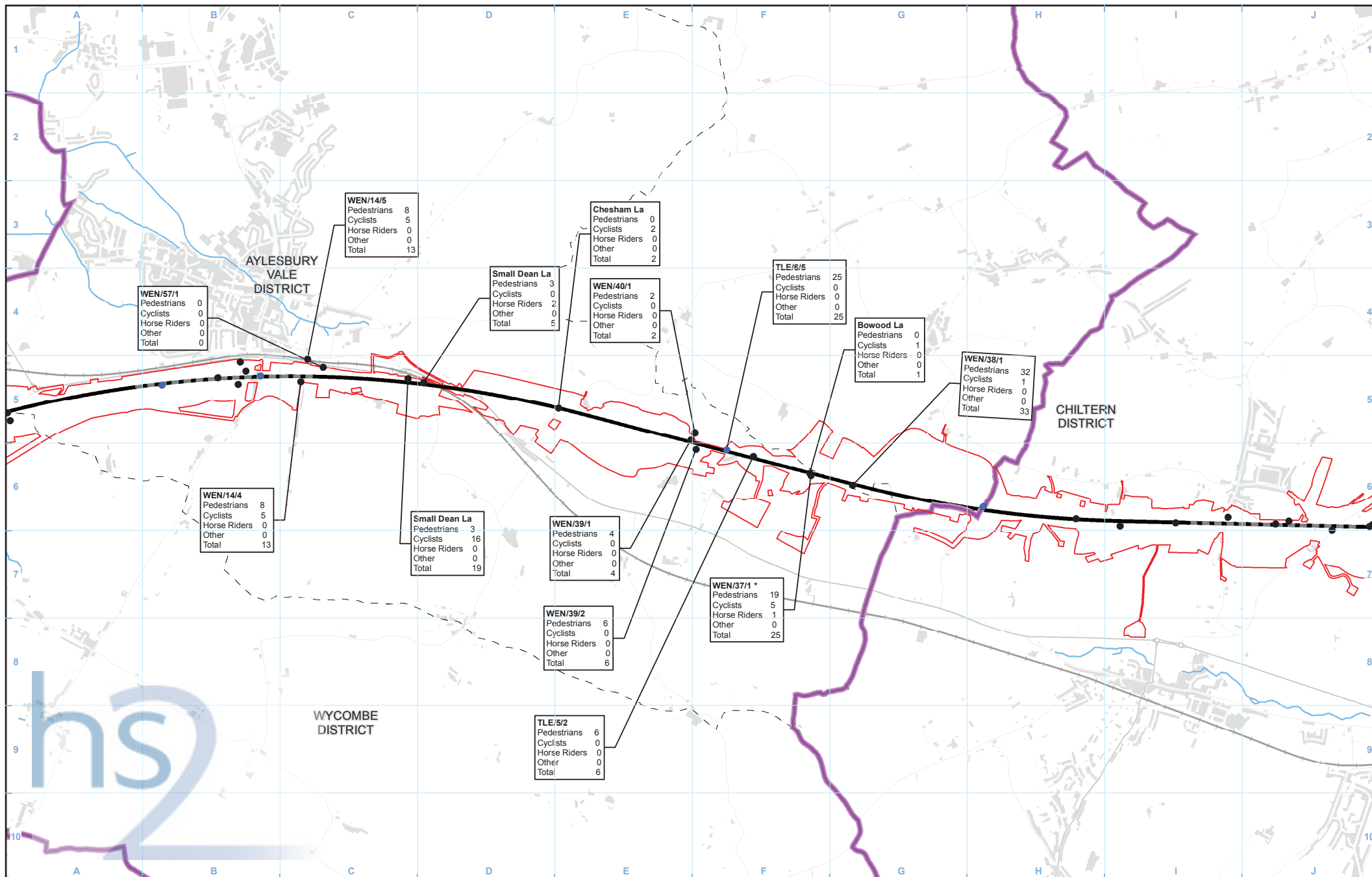
Date: 22/10/13

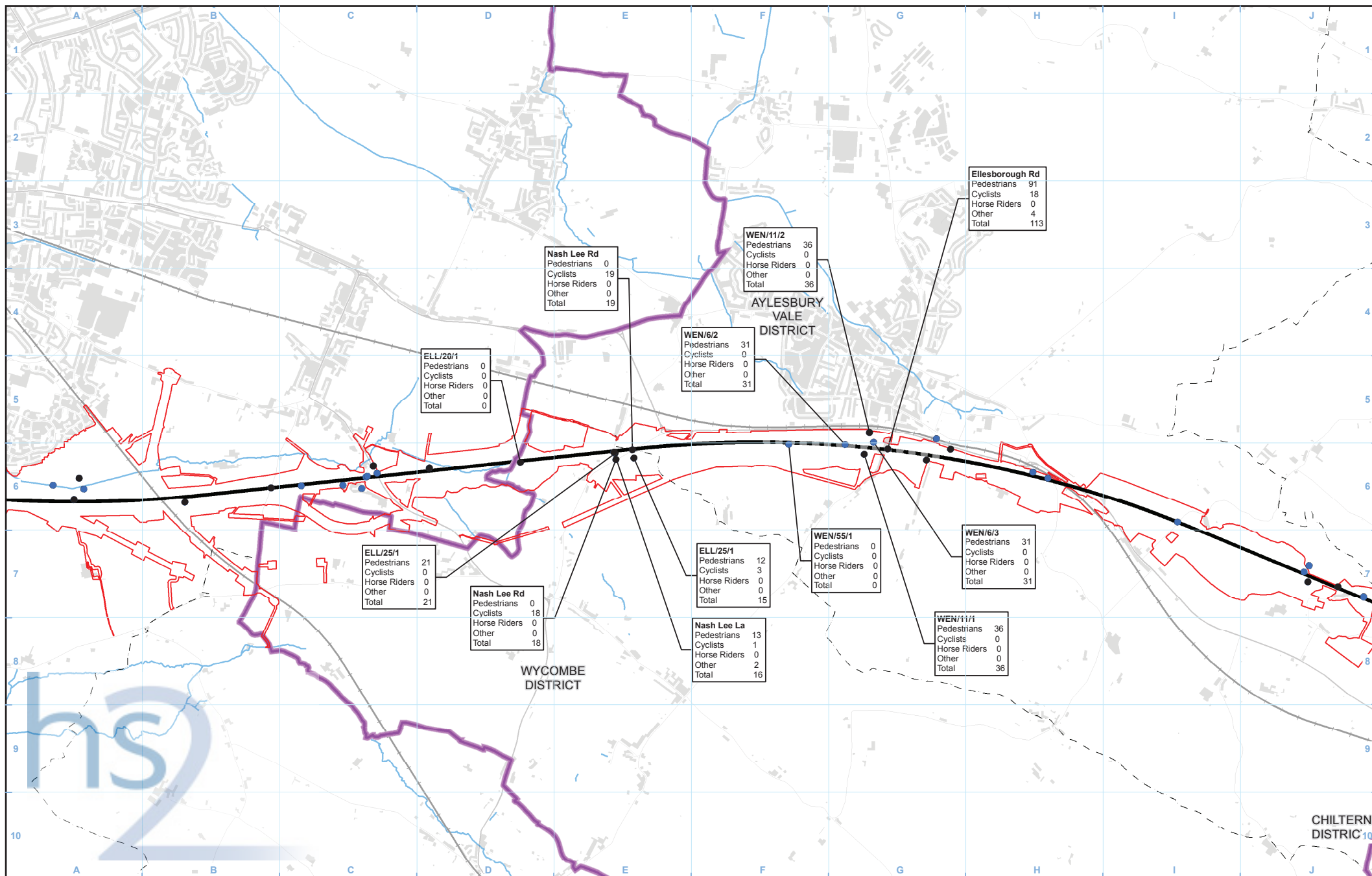
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Metres

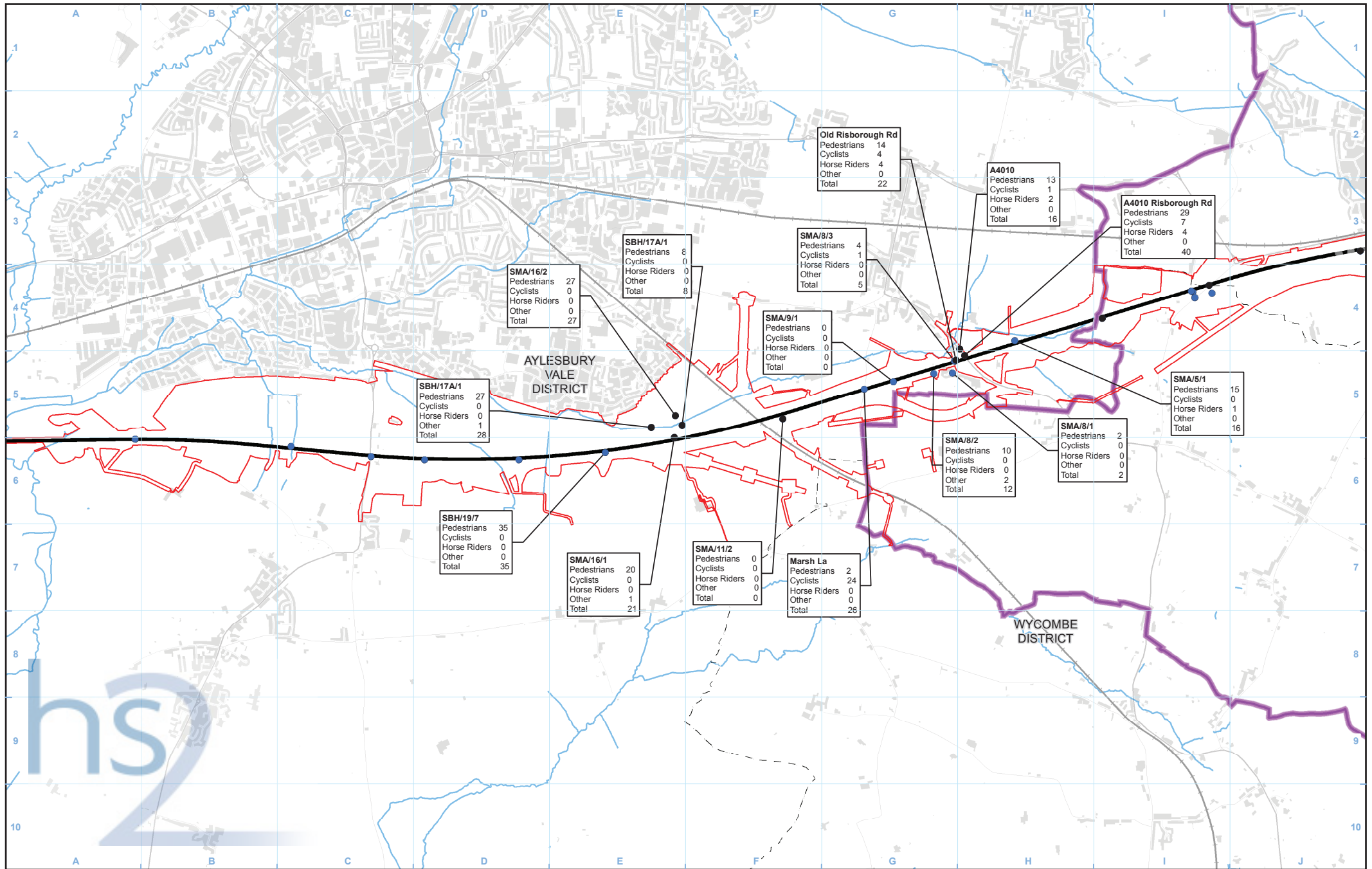


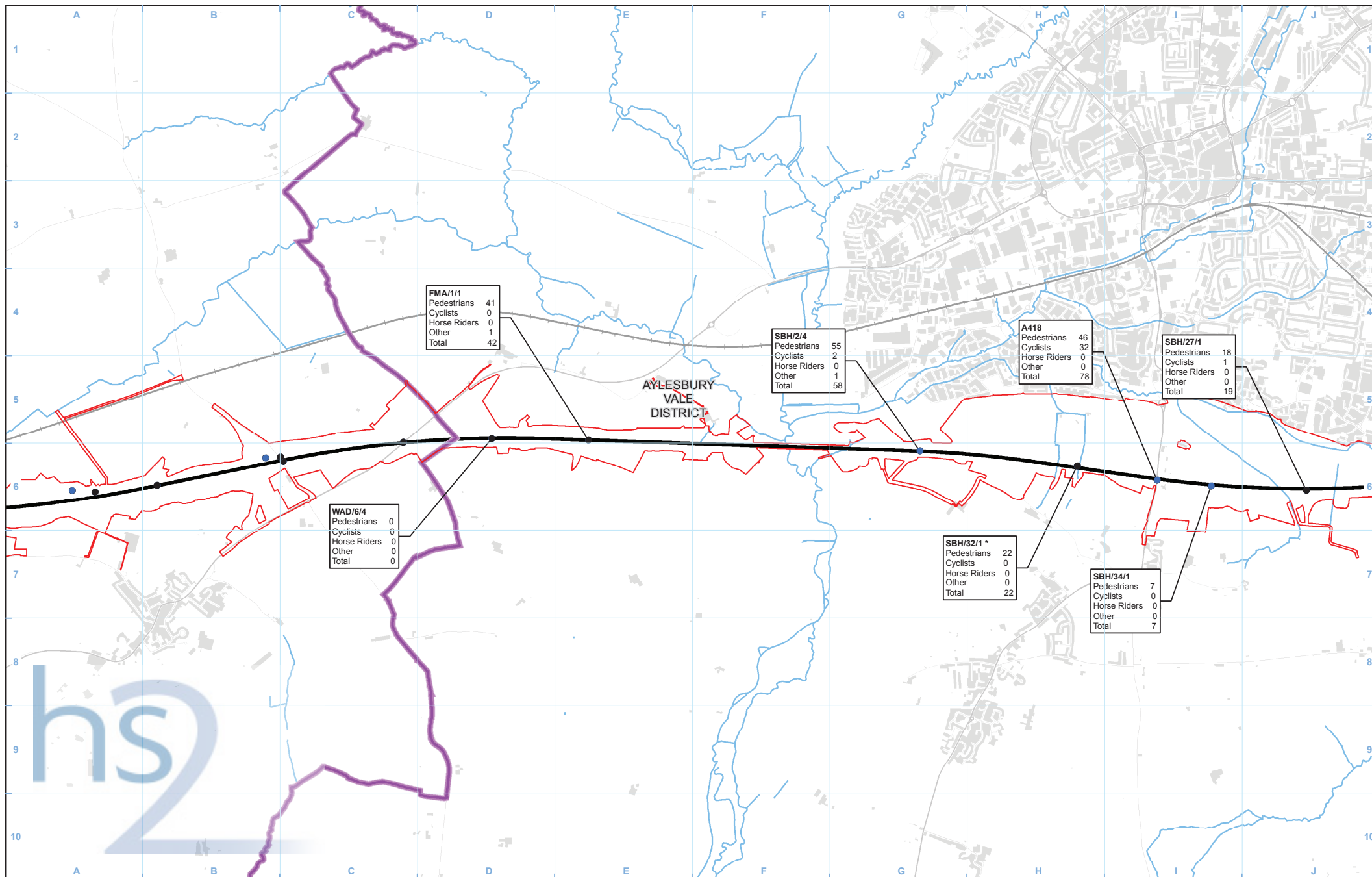
Legend	
	Route in tunnel
	Route on surface
	Station, depot or vent shaft
	Land expected to be required for construction
	Community forum boundary
	District/Borough boundary
	County boundary
	Watercourse
	Water body
	Existing rail line
	Existing Railway Station
	PRoW

Map Name	PRoW Usage
Community Forum Area CFA9: Central Chilterns	
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Date: 22/10/13	



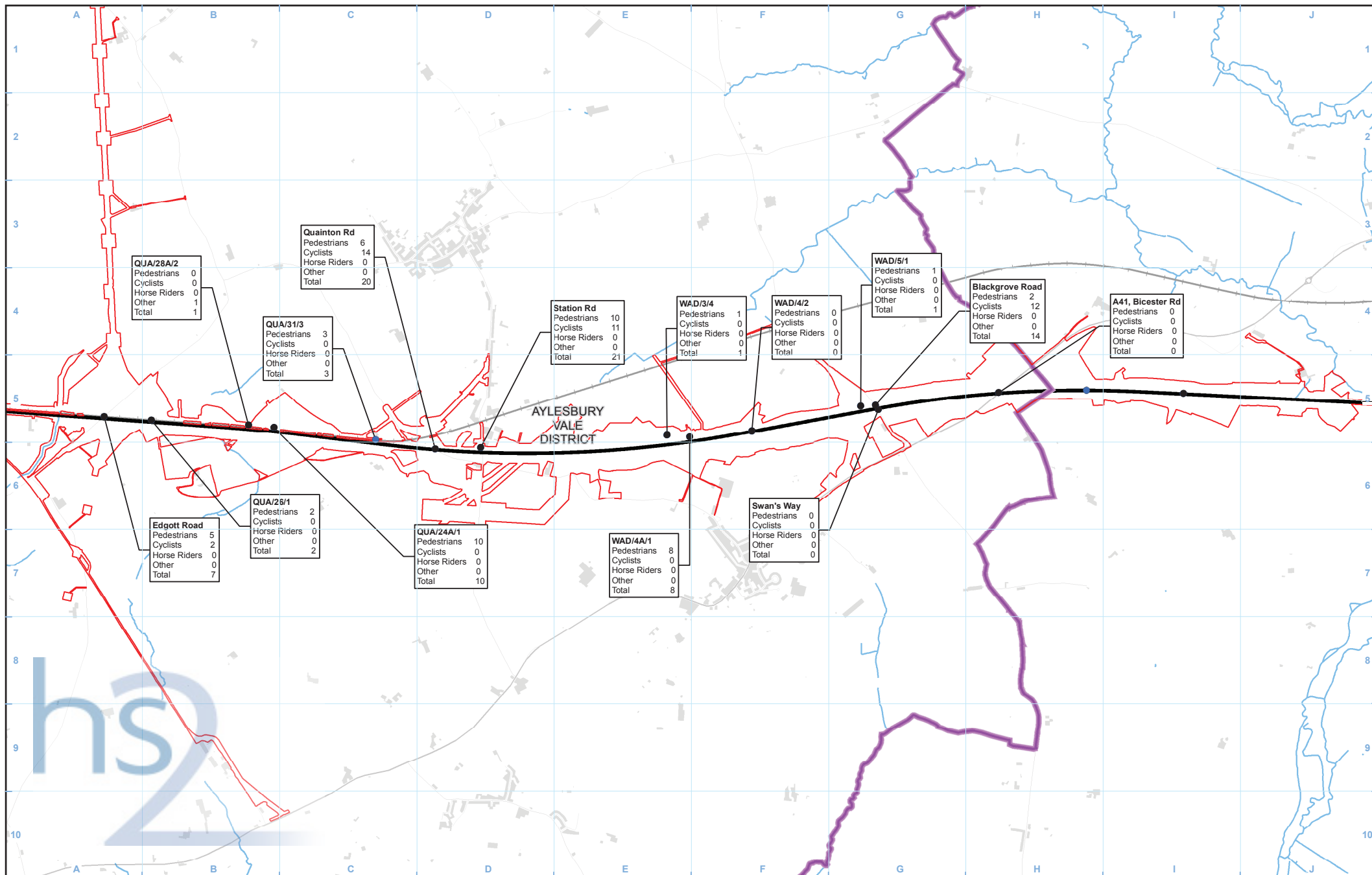






	Route in tunnel
	Route on surface
	Station, depot or vent shaft
	Land expected to be required for construction
	Community forum boundary
	District/Borough boundary
	County boundary
	Watercourse
	Water body
	Existing rail line
	Existing Railway Station
	PRow

Map Name		<p>HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</p> <p>Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.</p> <p>© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.</p> <p>Doc Number: C222-ATK-TM-MAP-020-0120008-P02.00</p>
<p>PRoW Usage</p> <p>Community Forum Area CFA11: Stoke Mandeville & Aylesbury</p>		
<p>Scale</p> <p>0 250 500 750 1,000</p> <p>Metres</p>		<p>Date: 22/10/13</p>



- Legend**
- Route in tunnel
 - Route on surface
 - Station, depot or vent shaft
 - Land expected to be required for construction
 - Community forum boundary
 - District/Borough boundary
 - County boundary
 - Watercourse
 - Water body
 - Existing rail line
 - Existing Railway Station
 - PRoW

Map Name

PRoW Usage

Community Forum Area CFA12:
Waddesdon & Quainton

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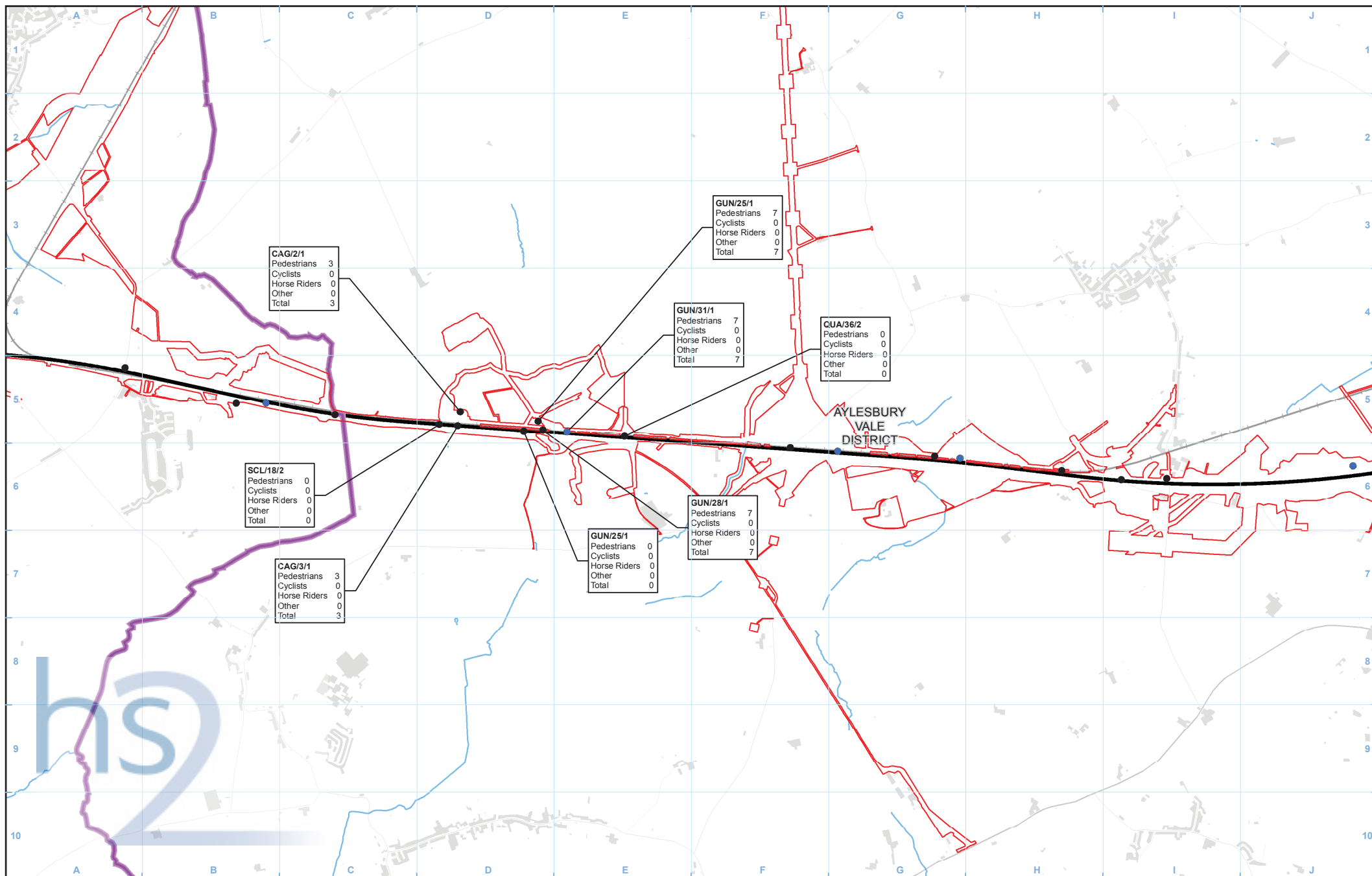
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Date: 22/10/13



	Route in tunnel		Watercourse
	Route on surface		Water body
	Station, depot or vent shaft		Existing rail line
	Land expected to be required for construction		Existing Railway Station
	Community forum boundary		PRoW
	District/Borough boundary		
	County boundary		

Map Name	PRoW Usage
Community Forum Area CFA12: Waddesdon & Quainton	

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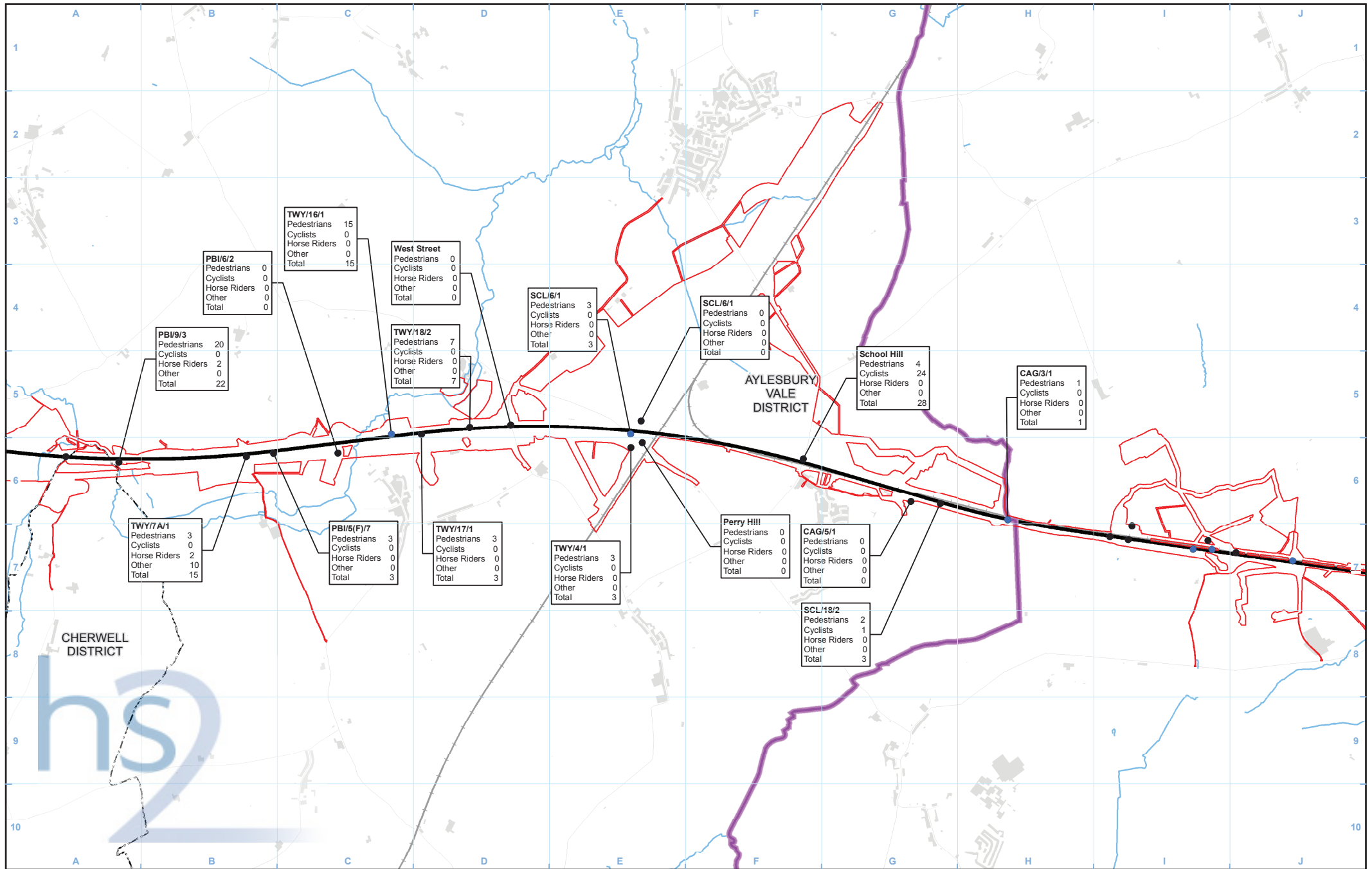
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Date: 22/10/13

Scale

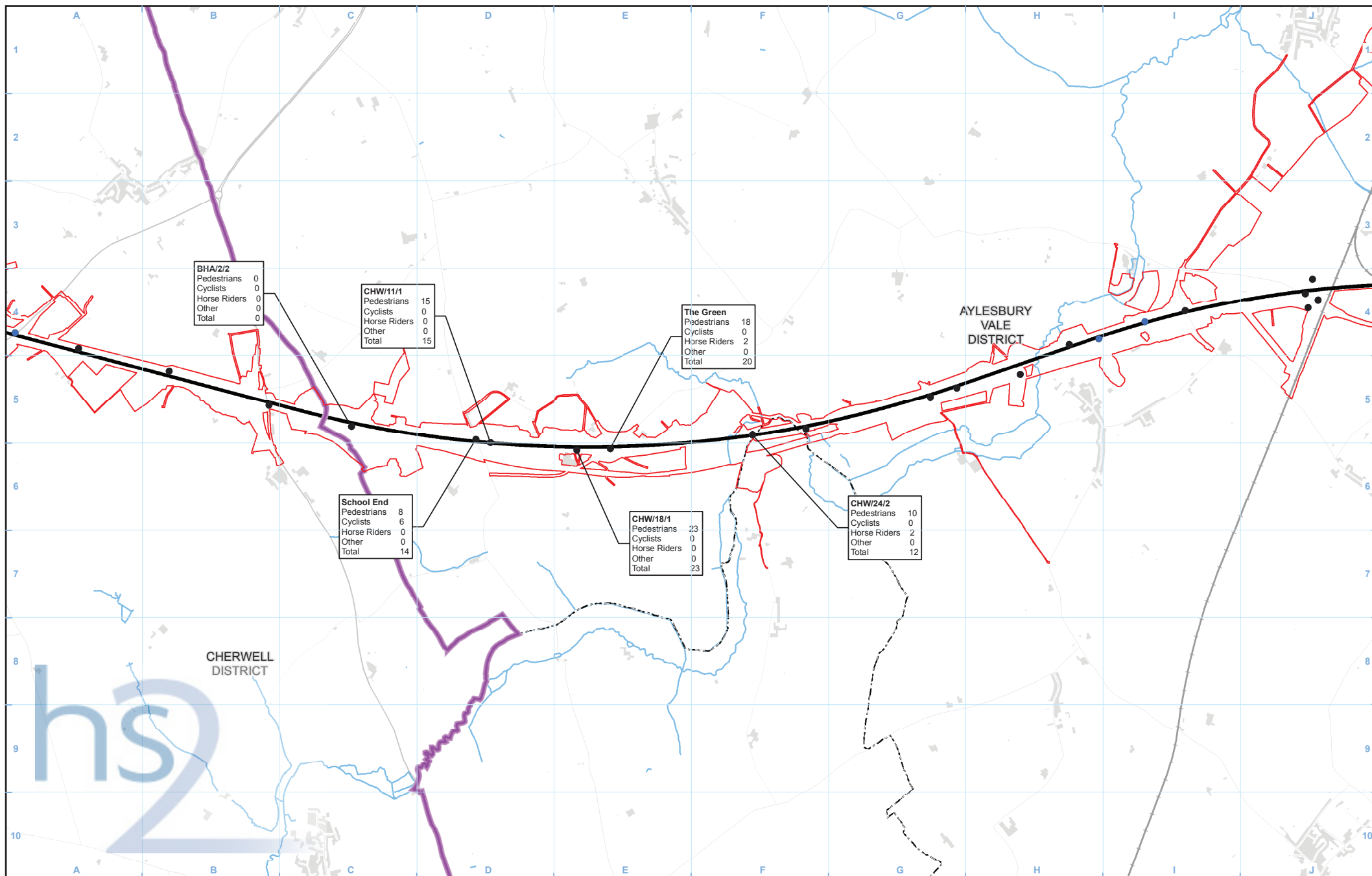
0 250 500 750 1,000

Metres



Legend	
	Route in tunnel
	Route on surface
	Station, depot or vent shaft
	Land expected to be required for construction
	Community forum boundary
	District/Borough boundary
	County boundary
	Watercourse
	Water body
	Existing rail line
	Existing Railway Station
	PRoW

Map Name	PRoW Usage
Community Forum Area CFA13: Calvert, Steeple Claydon, Twyford & Chetwode	
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Legend

- Route in tunnel
- Route on surface
- Station, depot or vent shaft
- Land expected to be required for construction
- Community forum boundary
- District/Borough boundary
- County boundary
- Watercourse
- Water body
- Existing rail line
- Existing Railway Station
- PRoW

Map Name

PRoW Usage

Community Forum Area CFA13:
Calvert, Steeple Claydon, Twyford & Chetwode

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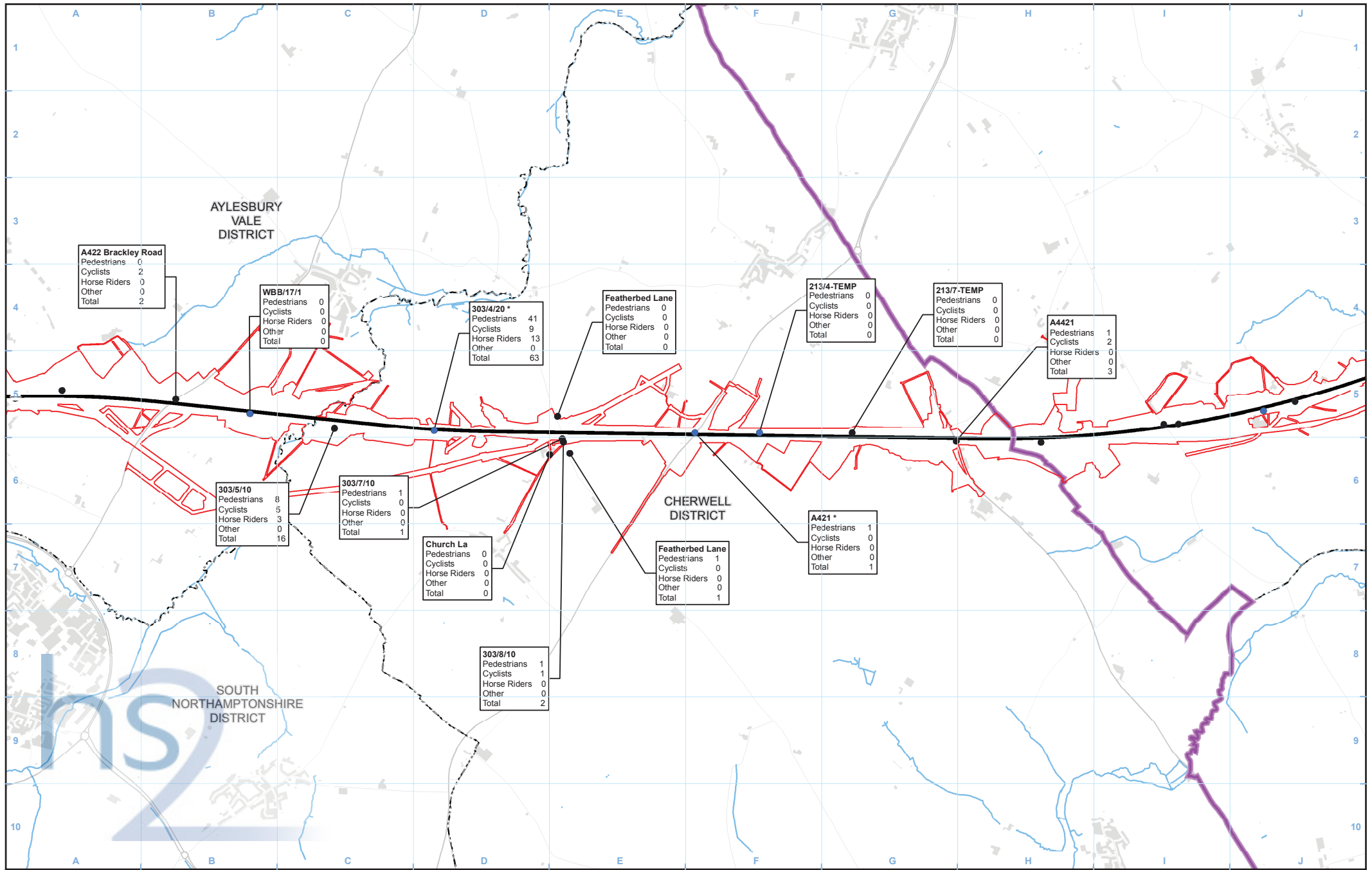
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Date: 22/10/13

Scale
0 250 500 750 1,000
Metres



Legend	
	Route in tunnel
	Route on surface
	Station, depot or vent shaft
	Land expected to be required for construction
	Community forum boundary
	District/Borough boundary
	County boundary
	Watercourse
	Water body
	Existing rail line
	Existing Railway Station
	PRoW

Map Name	
PRoW Usage	
Community Forum Area CFA14: Newton Purcell to Brackley	

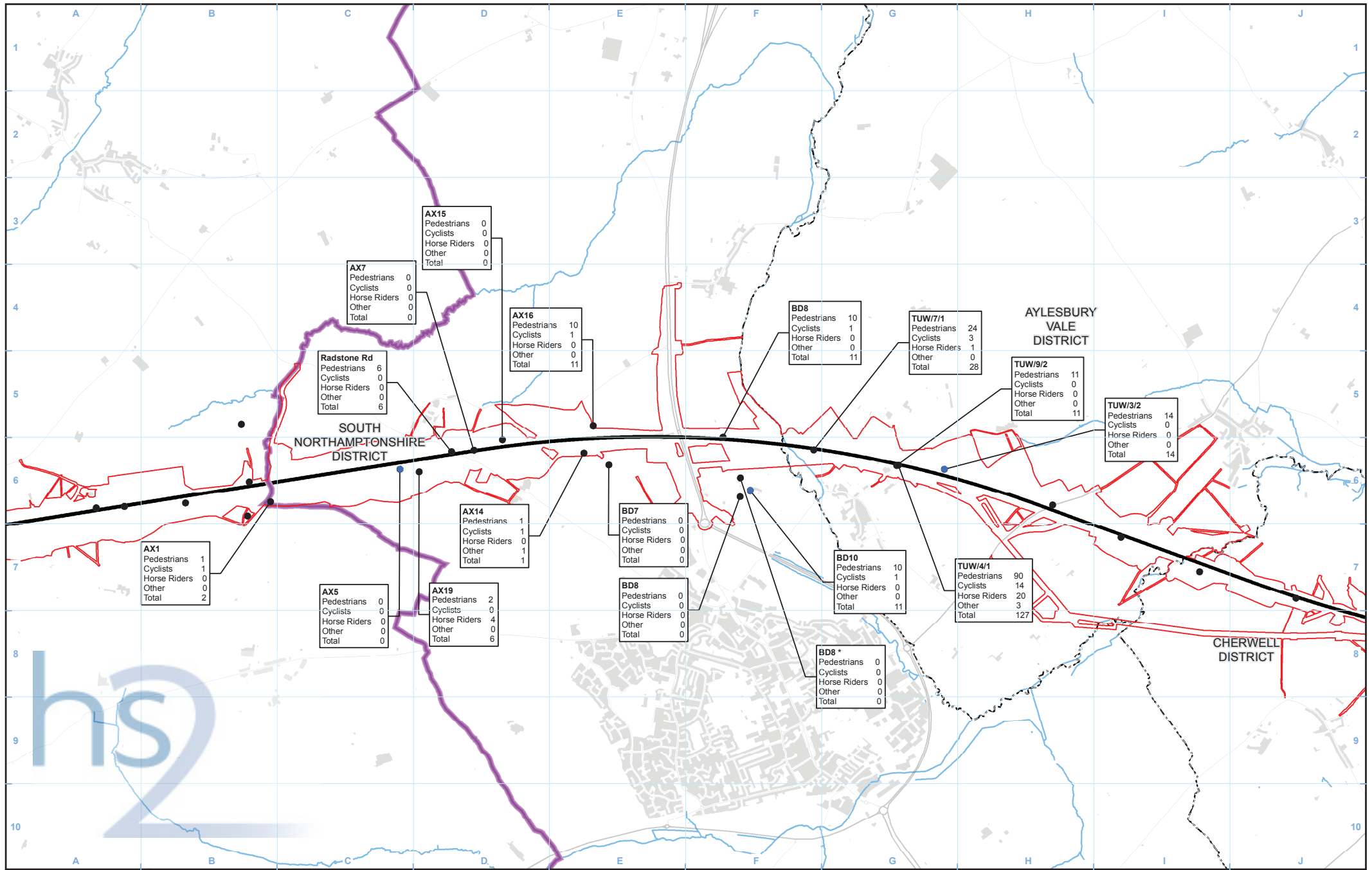
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Date: 22/10/13



Legend	
	Route in tunnel
	Route on surface
	Station, depot or vent shaft
	Land expected to be required for construction
	Community forum boundary
	District/Borough boundary
	County boundary
	Watercourse
	Water body
	Existing rail line
	Existing Railway Station
	PRoW

Map Name	
PRoW Usage	
Community Forum Area CFA14: Newton Purcell to Brackley	

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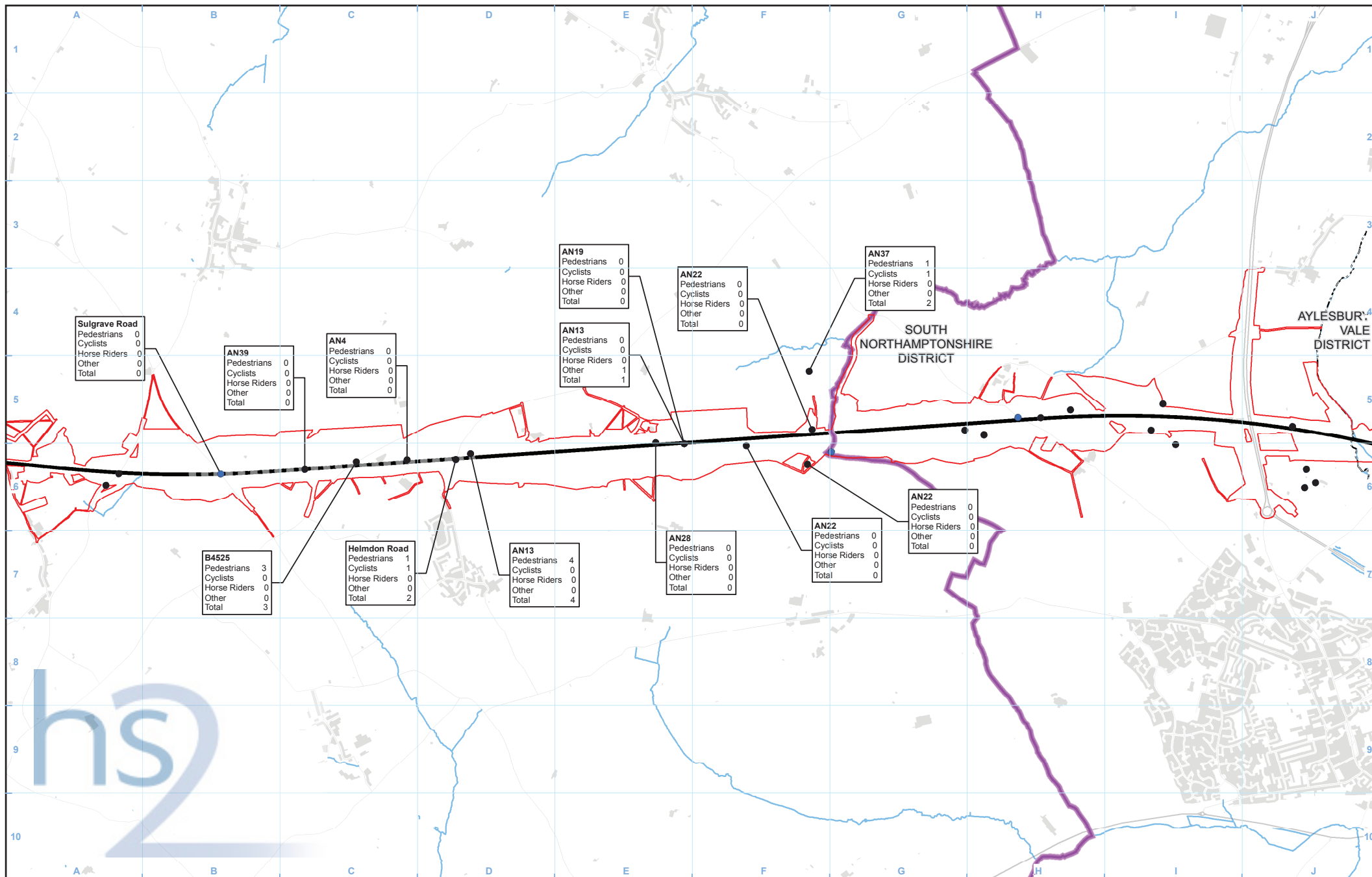
Doc Number: C222-ATK-TM-MAP-020-0120014-P02.00

Date: 22/10/13

Scale

0 250 500 750 1,000

Metres



Legend

	Route in tunnel		Watercourse
	Route on surface		Water body
	Station, depot or vent shaft		Existing rail line
	Land expected to be required for construction		Existing Railway Station
	Community forum boundary		PRoW
	District/Borough boundary		
	County boundary		

Map Name	PRoW Usage
Community Forum Area CFA15: Greatworth to Lower Boddington	

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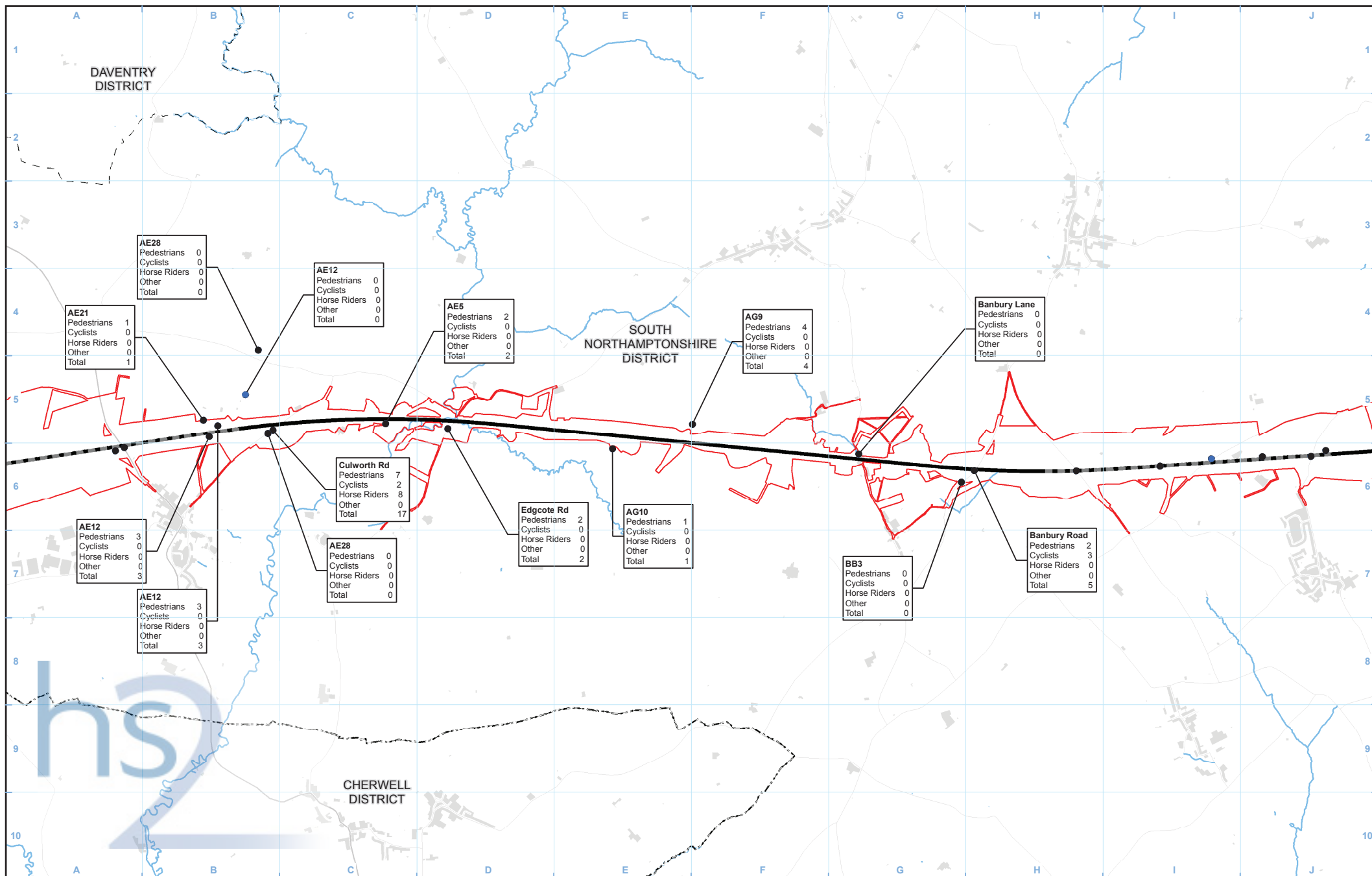
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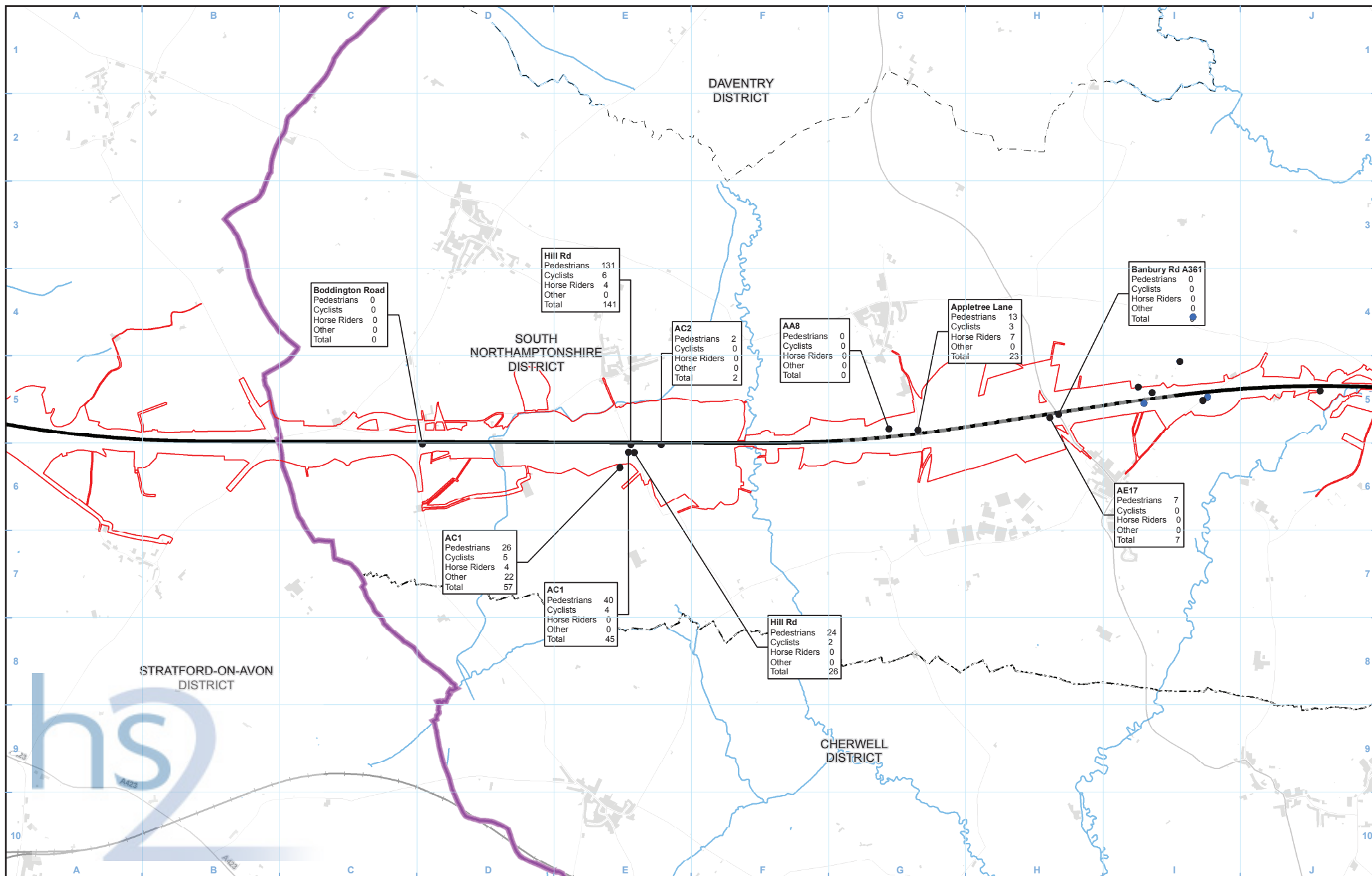
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Date: 22/10/13

Scale
0 250 500 750 1,000
Metres





	Route in tunnel
	Route on surface
	Station, depot or vent shaft
	Land expected to be required for construction
	Community forum boundary
	District/Borough boundary
	County boundary
	Watercourse
	Water body
	Existing rail line
	Existing Railway Station
	PRoW

Map Name

PRoW Usage

Community Forum Area CFA15:
Greatworth to Lower Boddington

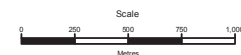


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